



Technical Note

No. 18-9

Boulder Laboratories

QUARTERLY RADIO NOISE DATA

DECEMBER, JANUARY, FEBRUARY 1960 - 1961

BY W.Q. CRICHLOW, R.T. DISNEY, AND M.A. JENKINS



U. S. DEPARTMENT OF COMMERCE NATIONAL BUREAU OF STANDARDS

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April 18, 1961

QUARTERLY RADIO NOISE DATA DECEMBER, JANUARY, FEBRUARY 1960-1961

W. Q. Crichlow, R. T. Disney, and M. A. Jenkins

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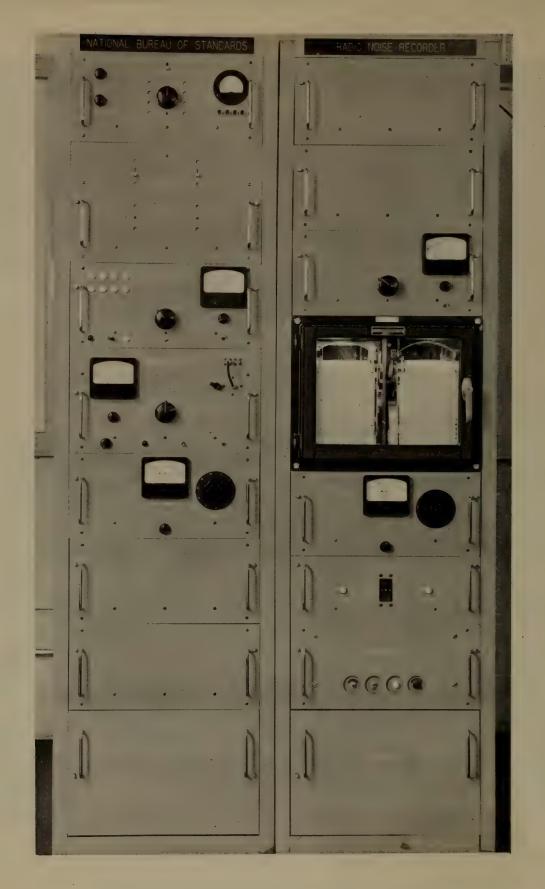
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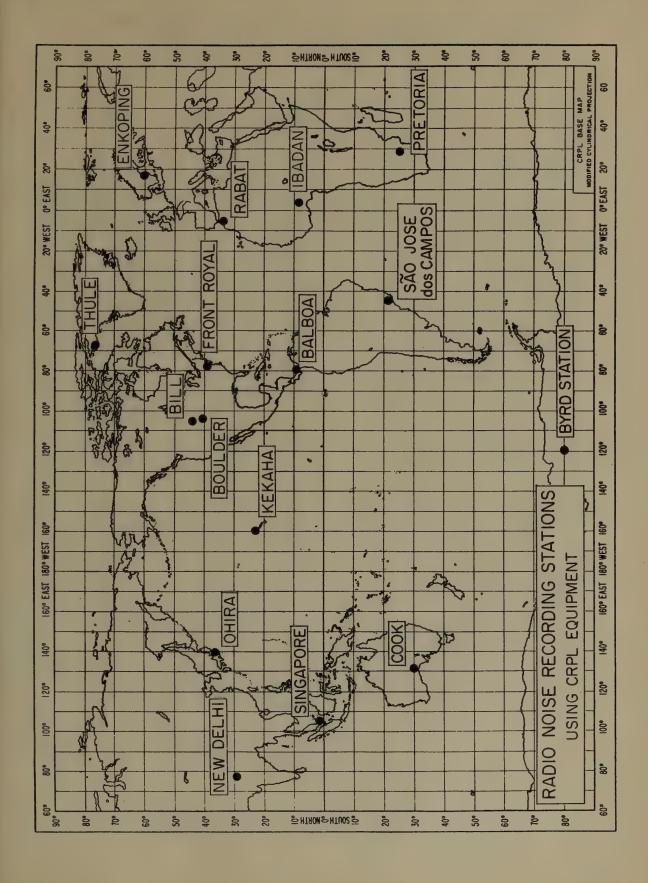
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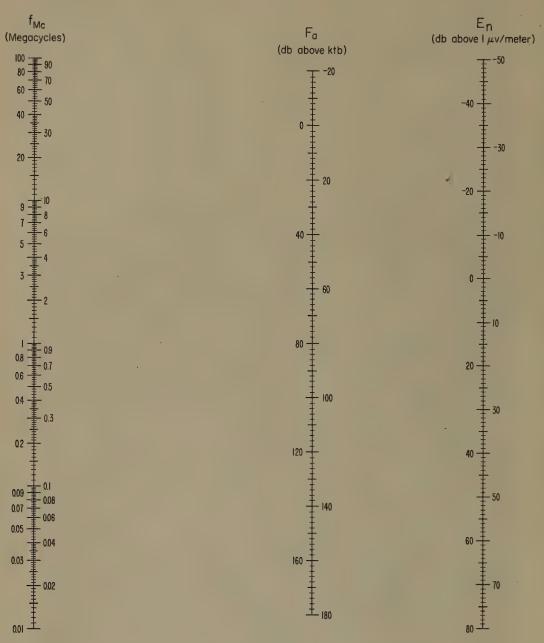
Radio Noise Recording Station



ARN-2 Atmospheric Radio Noise Recorder



NOMOGRAM FOR TRANSFORMING EFFECTIVE ANTENNA NOISE FIGURE TO NOISE FIELD STRENGTH AS A FUNCTION OF FREQUENCY



 $E_n = F_a + 20 \log_{10} f_{Mc} - 65.5$

F_a = Effective Antenna Noise Figure = External Noise Power Available from an Equivalent Short, Lossless, Vertical Antenna in db Above ktb.

 E_n = Equivalent Vertically Polarized Ground Wave R.M.S. Noise Field Strength in db Above I $\mu\nu$ /meter for a I kc Bandwidth.

 f_{Mc} = Frequency in Megacycles.

Radio Noise Data for the Season December, January, February 1960-1961

Radio noise measurements are being made at sixteen stations in a world-wide network supervised by the National Bureau of Standards (see map). The results of these measurements for the period December, January, February 1960-1961 are presented in the attached tables. These are based on three parameters of the noise: (1) the mean power, (2) the mean envelope voltage, and (3) the mean logarithm of the envelope voltage. The mean power averaged over a period of several minutes is the basic parameter and is expressed as an effective antenna noise figure, F_a . F_a is defined as the noise power available from an equivalent lossless antenna in db above ktb (the thermal noise power available from a passive resistance) where

k = Boltzman's constant (1.38 x 10⁻²³ joules per degree Kelvin)

t = Absolute room temperature (taken as 288° K)

b = Bandwidth in cycles per second.

The mean voltage and mean logarithm are expressed as deviations, V_d and L_d , respectively, in db below the mean power.

Measurements of these parameters were made with the National Bureau of Standards Radio Noise Recorder, Model ARN-2, which has an effective noise bandwidth of about 200 c/s and uses a standard 21.75° vertical antenna. A fifteen-minute recording is made on each of eight frequencies two at a time during each hour, and these fifteen-minute samples are taken as representing the noise conditions for the full hour. The month-hour medians, F_{am} , V_{dm} , and L_{dm} are determined from these hourly values for each of the corresponding parameters. Normally from twenty-five to thirty observations of the mean power are obtained monthly for each hour of the day, and from ten to fifteen observations of the voltage and logarithm deviations. When there are fewer than fifteen observations of the mean power, or seven observations of the voltage and logarithm deviations, the tabulated values are identified by an asterisk.

The upper and lower decile values of F_a are also reported in the following tabulation to give an indication of the extent of the variation of the noise power from day to day at a given time of day. These are expressed in db above and below the month-hour median, F_{am} , and designated by D_u and D_ℓ , respectively.

Time-block median values of noise are tabulated on a seasonal basis, and are obtained by averaging all month-hour medians for the season within a particular four-hour period of the day. The time-block values conform to the seasonal-time-block values used in C.C.I.R. Report No. 65 (see attached references).

F_a in db is related to the rms field strength at the antenna by the following equation:

$$E_n = F_a + 20 \log_{10} f_{Mc} - 65.5$$

where

$$\begin{split} E_n &= \text{the equivalent vertically polarized ground wave rms noise} \\ & \text{field strength in db above 1 $\mu\nu/\text{meter for a l kc bandwidth.}} \\ f_{Mc} &= \text{the frequency in megacycles/second.} \end{split}$$

The nomogram given may be used for this conversion.

The values presented in the tables reflect the actual measured radio noise; in some instances the atmospheric noise level may be contaminated by man-made noise or station interference. The parameter that will first reflect any such contamination will be the logarithmic parameter, Ld. This contamination generally will cause the value of Ld to be less than it would have been, had the recorded value been only atmospheric noise. In determining the amplitudeprobability distribution from the three measured moments [10], contaminated values of Ld may be found that will not give a solution of the amplitude-probability distribution. When this occurs, it is suggested that the measured value of Ld be ignored and the most probable value of Ld from the curve on the graph of Ld vs. Vd be used. The most probable value has been determined as the best fit for the integrated moments from over sixty measured amplitude-probability distributions of uncontaminated atmospheric radio noise. The second curve on the graph indicates the minimum value of Ld that will give an amplitude-probability distribution by the method in reference 10, and

can therefore be used to determine whether the measured value or the most probable value of L_d for any value of V_d should be used.

Station clocks are set to a local standard time (LST) which is taken from the time zone in which the station is located and is always an integral number of hours different than universal or Greenwich time (see table on page 5).

These preliminary data values are presented in order to expedite dissemination of the data. Additional analyses, in which an attempt is made to eliminate contaminated data, are presented in other publications.

Stations in the recording network were operated by the following agencies:

NBS - Bill, Wyoming; Boulder, Colorado; Byrd Station; Front Royal, Virginia; Kekaha, Hawaii

Signal Corps, U. S. Army - Balboa, C. Z.; Thule, Greenland

Postmaster General's Department (Australia) - Cook

Board of Telecommunications (Sweden) - Enkoping

DSIR (Great Britain) and University College Department of Physics (Nigeria) - Ibadan

Ministry of Communications, Wireless Planning and Co-ordination Organisation - New Delhi

Radio Research Laboratories (Japan) - Ohira

Telecommunications Research Laboratory (South Africa) Pretoria

Institut Scientifique Chérifien (Morocco) - Rabat

Instituto Tecnologico de Aeronautica (Brazil) - São José dos Campos

Department of Scientific and Industrial Research (Great Britain)
- Singapore, Malaya

The assistance of the station operators and other personnel of these agencies in obtaining the data contained in this report is gratefully acknowledged.

The following publications contain additional information on radio noise:

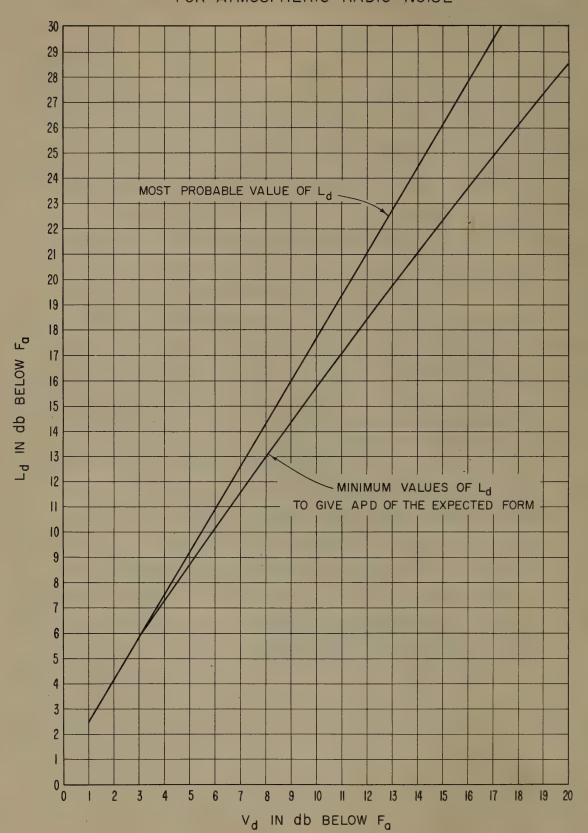
- 1. W. Q. Crichlow, D. F. Smith, R. N. Morton, and W. R. Corliss, "Worldwide Radio Noise Levels Expected in the Frequency Band 10 Kilocycles to 100 Megacycles," NBS Circular 557, August 25, 1955.
- 2. "Report on Revision of Atmospheric Radio Noise Data," C.C.I.R. Report No. 65, VIIIth Plenary Assembly, Warsaw, 1956 (International Radio Consultative Committee, Secretariat, Geneva, Switzerland).
- 3. A. D. Watt and E. L. Maxwell, "Measured Statistical Characteristics of VLF Atmospheric Radio Noise," Proc. IRE, 45,1, 55 (1957).
- 4. W. Q. Crichlow, "Noise Investigation at VLF by the National Bureau of Standards," Proc. IRE, 45,6, 778 (1957).
- 5. A. D. Watt and E. L. Maxwell, "Characteristics of Atmospheric Noise from 1 to 100 kc," Proc. IRE, 45,6, 787 (1957).
- 6. F. F. Fulton, Jr., "The Effect of Receiver Bandwidth on Amplitude Distribution of V. L. F. Atmospheric Noise," National Bureau of Standards, VLF Symposium Paper 37, Boulder, Colorado, 1957.
- 7. H. E. Dinger, "Report on URSI Commission IV Radio Noise of Terrestrial Origin," Proc. IRE, 46,7, 1366 (1958).
- 8. A. D. Watt, R. M. Coon, E. L. Maxwell, and R. W. Plush, "Performance of Some Radio Systems in the Presence of Thermal and Atmospheric Noise," Proc. IRE, 46,12, 1914 (1958).
- 9. W. L. Taylor and A. G. Jean, "Very-Low-Frequency Radiation Spectra of Lightning Discharges," NBS J. of Research-D. Radio Propagation, 63D, 2, 199 (1959).
- 10. W. Q. Crichlow, C. J. Roubique, A. D. Spaulding, and W. M. Beery, "Determination of the Amplitude-Probability Distribution of Atmospheric Radio Noise from Statistical Moments," NBS J. Research-D. Radio Propagation, 64D, 1, 49 (1960).
- 11. Tatsuzo Obayashi, "Measured Frequency Spectra of Very-Low-Frequency Atmospherics," NBS J. of Research-D. Radio Propagation, 64D, 1, 41 (1960).

Data included in this report and the standard time for each station are as follows:

Station	Data	Time Zone	To Convert LST to GMT (hours)
Balboa	Dec. Jan. Feb. 1960-61	75 W	+05
Boulder	Dec. Jan. Feb. 1960-61	105 W	+07
Byrd Station	Dec. Jan. Feb. 1960-61	120 W	+08
Cook	Dec. Jan. Feb. 1960-61	135 E	-09
Enkoping	Dec. Jan. Feb. 1960-61	15 E	-01
Front Royal	Jan. Feb. 1961	75 W	+05
Ibadan	June, July, August 1960	GMT	0
Kekaha	Dec. Jan. Feb. 1960-61	150 W	+10
New Delhi	Nov. Dec. Jan. 1960-61	75 E	-05
Ohira	Dec. Jan. Feb. 1960-61	135 E	-09
Pretoria	Oct. Nov. 1960	30 E	-02
	Dec. Jan. Feb. 1960-61		
Rabat	Dec. Jan. Feb. 1960-61	GMT	0 .
São José dos Campos	Dec. Jan. 1960-61	45 W	+03
Singapore	Dec. Jan. Feb. 1960-61	105 E	-07

Previous data from the NBS World-Wide Network have been published in the following Technical Note 18 series:

18-1	July 1, 1957 - December 31, 1958
18-2	March, April, May 1959
18-3	June, July, August 1951
18-4	September, October, November 1959
18-5	December, January, February 1959-60
18-6	March, April, May 1960
18-7	June, July, August 1960
18-8	June, July, August 1960



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Month December 19 60

Station Balboa, Canal Zone Lat. 9.0 N Long. 79.5 W

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 f_{Gm} = median value of effective antenna noise in db above ktb D_u = ratio of upper decile to median in db $D_{\mathcal R}$ = ratio of median to lower decile in db

 V_{dm}^{-} median deviation of average voltage in db below mean power L_{dm}^{-} median deviation of average logarithm in db below mean power

Month January	
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Canal Zone	
Station Balboa,	

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79.			_	5- 40	0 40	0 38		0 34			6 0	_	0 27	==	_	=	=	0 32	0 34	0 38	0 42	1/42	0 42			- 40	38
Long.			Vdm Ldm	7.5	9.0	0 10.0	0.01 0	0.01	- 11.0	0.8	11.0	13.5	* 1/.0	0.6 0	* 0	\$ 000	8.8	0 9.0	6.0	0.010	5- 80.0	8.5	3.0	2.5	000	13/	0.8
2			DV Vd1	4.5	5.0	9	*~•	6.0	6.5	5.0	1.0%	75.	2 8:0	2 7	4 4.0	6.0	5.5	0.9	1 4.0	6.0	4.5	5.0	5.0	4.0	6 3:0	4.5	4.0
0.6 N		5		(- ()	7	7	رى	7	7	~	12	7	01 1			7	-	7	7	9	7	7	7	5		~	7
9.			n _O E	5	7	70	3 4	3	5	7	7	9 0	3 7	7 6	00	5 -5	00	90	3 6	7	9 5	5- 2	7 5	4 6	4	5,	72
Lo.			n Fam	0 54	155	0 55	53	0 53	53	5.5	2 45	040	33	727	7	25	29	129	33	141	640	0 5-5	150	65 0	5.6	55	55
ne L			Vdm Ldm	0.27	12.5	13.0	12.0	15.0	0.91	0.91 0	4 0 /3.0	0.9	- 4.5	4.5	45	0.50	6.0	0.50	245	0.9 0	5 /0.0	0.0/	0.0/	0 /// 0	0.11	10.5	- 9.5
Zone			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	6.0	8.0	7.5	7.0	9.0	0.0/	0	*8.0	3.5	* S	3.0	オンシ	3.0	* 0.0	3.0	3.5	4.0	* 0	5.5	7.0	6.0	6.5	6.0	5:5
Canal		5	7 0	90	9	00	7	<i>></i> ∞	77	15	10	1.5	7	7	9	4	7	7	_	4	6	8	00	- 1	00	00	00
	(Mc)	2	n Du	9	2	4	3 7	5	7	6	00	0/	4	9	9 7	7	7	,	4	h ,	2 6	5	1	15	7	12	2
Balboa,			Fam	58	5-8	09	5-8	60	09	156	146	- 36	32	32	32	- 30	33	30	32	34	4	50	54	5.5	5.6	52	5.6
Bal	Frequency		Ldm	10.0	-14.0	5.01	16.0	19.0	19.0	+/3.5		10.5	* (Σ.0	\$.0	4.0	10.5	10.0	8.5	16.0	10.5 15:0	14.5	14.0	13.5	/3.5	12.0	11.0	11.0
E	edu		\dm \dm	7.0	7.5	6.0	2.	13.0	*///	40.6		7.0	8.0	5.0	5.0	6.5	6.0	5.0	11.0	10.5	8.0	8.5	8.5	8.5	7.0	6.0	6.5
Station	F	495	, 7 ₀	7	4	7	9	10	70	10	9	7	5	h	7	۲	~	1	7	00	08	7	5	9	1.2	70	7
		. 4	۵	1	9	7	7	9	6	10	81	61	/3	9	8	0/	00	00	7.	6	7	7	5	9	2	3	*
1.1			Fam	90	89	89	68	18	85	11	69	65	159	63	13	65	65	69	11	73	77	98	88	68	89	89	68
NOISE			Dr Vdm Ldm Fam	17.0	17.0	17.0	/3.5	14.0 22.0	19.0	19.0	13.0 21.0	* \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	13.0	14.0	21.0	20.0	76.5	11.0 18.5	18.0	521	18.5	16.5	160	10.0/6.5	150	15.5	15.5
9			νqш	10.0	11.0	9.5	8.0	14.0	10.5	11.0	13.0		75-	9.0	/3.0	12.0	9.0	11.0	0.0/	9.5	11.5	0.0/	9.5	0.0/	9.0	9.0	20
		160		9	9	6	00	10	15	16	44	23	19	20	16	11	10	=	10	6	6	00	00	6	8	0/	9
ADIO		Ξ.	Du	7	%	8	00	6	P.	9	14	2	19	7	12	0	9	5	9	9	1,2	1	12	4	6	7	7
RA			Fam	101	101	801	101	107	801	101	06	85	82	_	63	92	95	96	95	97	66	ho/	107	107	105	107	107
PP			Ldm	16.0	9.5 15.0	9.0 16.0	10.0/	19.0	11.5 18.0	12.0 16.0	16.5	180	11.0 17.5	18.5	13.0 18.0	0.61	17.0	11.0 16.5	16.0	11.0 17.0	21.0	12.5 19.0	11.0 17.0	10.0 16.0	15.0	15.5	14.0
·			De Vem Lem	10 10,5 16.0		9.0	0.0/	12.0 19.0	11.5	0.8/	10.5/16.5	10 115 18.0	0.//	6 120 18.5	0.61	13.0	11.0	11.0	11.0	11.0	14.0	12.5	11.0		15.0	10 9.0 15.5	9.5 14.0 107
员		51	7 0	01	7	8	12	4	ک	5	,2	10	10		9	7	6	4	10	8	8	10	8	8	7	10	6
7		. 051	Du	5	6	7	7	8	7	4	6	6	12	12	12	6	7	7	4	9	7	9	6	5	9	7	7
>			DA Vdm Ldm Fam Du	13.5 19.5 128	127	127	13.0 18.5 127	13.0 18.0 127	13.0 19.0 128	127	120	11.0 16.5 115	111	10.0 15.0	14.0 115	12/ 16.5 16.0 4	125	10.5 16.0 125	125	11.0 16.5 123	123	125	127	127	127	6 130 19.0 129 4	13.0 19.0 127
<u>~</u>			-dm	19.5	13.0 19.0 127	12.0 18.5 127	18.5	18.0	19.0	11.5 180 127	17.0	16.5	10.0 155	15.0	14.0	16.0	15.5	16.0	10.0 15.0	5.9/	17.0	13.0 19.0	12.0 18.0	4 13.0 19.5		19.0	19.0
2			Vdm	13.5	/3.0	0.0/	13.0	13.0	13.0	11.5	11.5	11.0	0.0/	0.01	9.0	10.5	0.0/	10.5	0.0/	11.0	a://	/3.0	0.01	13.0	13.0 18.5	/30	/3.0
<u> </u>		013		9	9	00	7	h	7	4	3	7	12	4	5	7	٦	4	3	4	7	4	4	7	9	2	7
E		0.	Du	ч	3	1	3	M	3	n	7	7	ત		Н	3	7	જ	7	7	3	3	3	7	6	4	7
MONTH-HOUR VALUES			Fam	154	154	15-6	154	151	15-6	15-6	152	15-2	7.5/	152	152	15-6	156	15-8	8-51	15%	157	154	154	154	154	154	23 /52
Σ	(TS	د (٦:	noH	8	ō	05	03	04	05	90	20	80	60	0	Ξ	12	13	14	15	91	17	18	61	20	12	22	23

 $F_{\alpha m}$ = median value of effective antenna noise in db above ktb D_{μ} = ratio of upper declie to median in db $D_{\mathcal{L}}$ = ratio of median to lower declie in db V_{dm} = median deviation of average voltage in db below mean power L_{dm} = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station Balboa, Canal Zone Lat, 9.0 N Long, 79.5 W Month February 19 61

E 20000 200

		Vdm Ldn	3.0	0.	6.0	.0	1.5-3.	1.5 2.8	3.0	40 4	,2	0.40	3.0 5.	۵	* 7.	3.0 4.	10 6.	4.0 6.	4.0 %	6.9 6.5	1.0 4.5	3.0 4.	.5 3.5	25 30	d.5 3.	15,5
		DE V	0	0	76	· ~	0	0 '	8	* 2	4 8	4	ال ال	~	43	4 3	7	, y	7 7	7.	4 3	7	مي مي	7	2	2 2
	20	o no	7	7		~	7	~		ļ`		3	4	7	7	~	4	/	7	7	7	7	~	7	~	7
		Fam D	77	77		, 77	77	77	d	7	76	Jil.	hr	44	44	26	75	17	00	38	26	ht	77	22	77	77
			8.5		٠,٧		-		د د د د د	3			70			0	9.0	0	5.	=		0	75.	7.0	7.5 2	_
		m Ldm	00	5 6.0	# 00	5 5.0	0 4.5	04.0			2.5	0.01	* 00	5 9.0	5 7.0	* 00		5-4.0	0 8.5	0.8.0	0.0/ 0	0 *	* 1		0	0 7.0
		Dr Vdm	ė	* W	5:00	ý	Ų	<u>w</u>	4.0	\	* 6.	* 6.0	\$.0	5.5	5.5	* o.?	6.0	1 5.5	1 5.0	+ 5:0	5.0	+4	1 5:0	2.4.5	5.	4 5.0
	10	_	4	<i>ا</i> ر		7	~	~	7	.2	3	-9	イ	7	2 4	7	9 9	1 4	4	٦,	7	7	4 4	7 1	7	
		Fam Du		2	2	3 10	3	2	7	0	2	72	3 6	~	3 10			3 4	7 4	3 2	45- 2	3		4 9	9 4	00
			39	0 39	0 38	5 33	33	32	~	0 / 0	0 34	50 0	5.	دره	5- 23	25	- 29	5 33	0 37	0 43	0 4:	3	7	~	39	140
, ,		mp-1 m	# 08	0.01	5 /0.0	# 10.	0.80	\$ 0.0	* 00	11.0	7 18.0	.5. 10.0	e. *	5 4	6.5	2 7.0	7.5	\$ 40	ò	5- 9.0	* 00	0 7.0	65	7.5.	* 0.8	\$ 9.0
		mp/	4.0	5.5	4.5.5	i +	5.0	× 0:5	\$.0	7.5	7.3.0	# -0	* 7.	*-0	4:0	4.5	5.0	\$5.0	5:0	5.5	4.5	1	3.0	ير بد	* 5.5	5.0
	5	JO 1	7	3	4	ヾ	7	7	7	~	00	7	7	7	7	7	7	<i>b</i> .	5	9	9	7	7	3	7	7
		n Du	2	2	7	7	h	7	8	- 7	٥	7	9	9 1	4 4	15	~	<u>م</u>	3	9	9	4	7	40	7 8	3
		Fam	5-8	25 0	. 56	75	54	24	8-5	545	36	0 30	0 26	77	44 J	pt 0	38	3	37	44	526	-9	200	0 60	28	25
,		n Ldm	13.0	19.0	12.5	/3.0	13.0	13.0	14.5	12.5	\$ 0.5	43.	* 19	5.0	2.5	5.0	4.0	7 4.5	6.0	0 8.5	9.0	0.01	0.//	~	9.0	12.0
		Vdm	7.5	7.0	6.5	8.0	6.5	7.0	70.	8.0	* 0	* C.	* 4	2.5	3.0	+ ₩.	2.0	2.5	40	2,6	5.5	6.0	6.5	7.0	0.9	20
	2.5	Z'a	4	1	٠	9	6	7	00	00	-9	7	3	7	٦	4	~	7	~	5	4	૪	4	7	4	0
(Mc)	,	Du	00	7	9	7	5	5	9	(0/	6	9	~	~	٦	7	2	4	00	2	9	12	7	7	9
		Fam	19	79	63	65	104	64	13	47	14	35	33	33	33	33	33	33	35	33	15	53	53	59	5.5	53
Frequency		Ldm	11.0	12.5	13.0	73.0	16.0	17.5	9.0	7.5	4,5	5.0	4,5,	5.0	5.0	4.5	7.0	6.0	11.0	10.5	10.5	12.0	12.0	12.5	11.0	/3.0
edn		Vdm	6.5	7.5	8.0	8.0	9.0	10.5	6.5	45	3.0	400	* 5.	3.0	2.5	3.0	4.0	4.0	8.0	7.0	6.0	2.0	20	7.5	6.0	6.5
F	495	70	9	00	4	0/	//	10	6	4	~	4	7	80	00	7	7	7	~	2	4	9	~	00	٦	7
		۵	00	9	7	9	7	10	15	1/6	15	14	7	8	4	و	7	۲/	0/	0/	4	9	9	7	9	9
		Fam	16	83	93	93	122	8	18	75	73	11	11	73	73	73	75	22	8	18	93	93	16	93	6	16
		Ldm	16.0	15.5	17.5	17.0	19.5	17.0	19.0	20.5	33.0	4/20	19.0	18.0	17.0	13.5	14.5	155	16.5	17.0	16.0	15.0	a.9/	17.0	5.9/	15.5
		νdm	9.5	9.0	10.5	10.0	11.5	9.5	10.5	13.0	5:51	13.5	11.5	4.0	9.5	0.0	8.0	9.5	6.0	10.0	9.0	9.0	0.6	0.0/	9.0	9.0
	160	70	9	00	00	2	8	12	18	73	7	18	5	7	00	00	9	-9	00	9	8	9	ħ	4	7	9
	. 16	Du	9	00	,	12	8	9	12	11	hi	13	7	/2	00	7	1	9	00	10	4	4	4	4	3	7
		Fam	011	110	112	111	110	7/1	707	66	96	92	2	93	36	86	86	100	102	100	801	110	110	110	111	110
		Ldm	17.0	11.0 17.0	11.0 17.0	16.0	9.0 15.0	17.0	16.0	19.0	15.0 20.0	20.0	13.0 19.0	11.0 16.0	15:0	15.5	14.0	14.0	17.5	18.0	17.5	17.0	16.0	16.0	160	16.0
		Dr Vdm Ldm	0.11	11.0	11.0	11.0 16.0	9.0	11.0 17.0	0.11	13.0 19.0	15.0	13.5 20.0	3.0	11.0	10.0 15.0	10.0 15.5	9.0	10.0 14.0	4 11.0 17.5	12.0 18.0	11.0 17.5	5.01	10.5 16.0	10.0 16.0	7 10.0 160	9.0 16.0
	19	70	4	9	00	00	9	10	ή	10	15	11	00	9	80	7	7	7	7	e	7	4	7	7	7	9
	.051	ρn	9	4	~	7	4	4	9	9	9	h	00	00	4	9	4	7	9	9	4	9	7	9	6	9
		Fam	129			131	131	131	127	123	119	611	111	611	125	125	127	127	127	127	127	129	/3/		130	129
			18.0	16.5	0.9/	15.0	15.5 131	6.0	0.6	7.0	5:5	1.70	0.0	0.9	5.5	4.0	13.0	5.4	15.5	17.0	18.0	0.8	19.5	0.6	8.5	80
		D& Vdm Ldm	12.0 18.0	11.6 16.5 131	4 10.0 16.0 133	10.0 15.0	9.5	11.0 16.0 131	11.5 17.0 127	FK1 0.51 2.11 4	10.0 15.5 11 9	12.0 17.0 119	11.0 16.0 117	10.5 16.0 119	11.0 15.5	10.0 14.0 125	9.0	9.5 14.S	10.0 15.5	//.0//	11.5 18.0 127	12.5 18.0	13,5 19,5	13.0 19.0 129	4 130 185 130	2 120 180 129
		7'Q	7	7	4	3	4	4	4	7	5	4	~	4 /4	2 1	7	7	2	7	٦	7	4	4	7	7	7
	013	Du	9	4	ィ	n	4	4	_	7	n	4	9	4	4	べ	76	~	7	7	4	4	h	7	9	~
		Fam	155	157	157	158		159	15-9	151	156	15.5	15.5	155	157	159	101	191	651	159	157	157	157	155	15.5	155
(T2	اله (٦	noH	00	10	02	03 /	04 159	05	90	07	80	60	0	1	12 /	13	14	15	16 /	/	18	19	702	21 /	22 /	23 /

0

0. 2.

0 0 %

700000

Fam = median value of effective antenna noise in db above ktb

 $D_{u}\,$ = ratio of upper decile to median in db $D_{\mathcal{L}}\,$ = ratio of median to lower decile in db

 V_{dm}^{-} median deviation of average voltage in db below mean power L_{dm}^{-} median deviation of overage logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Station Boulder, Colorado Lat 40.1 N Long. 105.1 W Month December 1960

Frequency Mail Ma			m Ldm	0 3.5	5 3,5	2.5 3.5	2.6	0.40	0.4.0	0 40	0 4.5	4 5	+ 2.	545	0 5.0	0 4.5	5.0	4.0	2.5	0 4.5	0 4.5	0 4.0	0 3.5	3,5	3,5	0 4.0	0 4.0	
Free Lab 2, which has fine to a 2 year with the fine to 2 year with the fine to 2 year with the fine to 2 year with the fi							-			76	~	* ~		3	~3	~				w.	M	শ্	ૠ					
103 104 105 107 107 107 107 107 107 107		20						0	0	0	1	7	3					7										
Colorado			_		_								_															
Frequency (MC) 1913 1914 1915 19				2			_		=			_	-		_		==			≡		=	=					
Find 0.0 De Vamilland Fan Burg 12, Vamilland			Ldm	* 2.	Š	_			4.5	* 0			* 1/	-		\longrightarrow	=	_		=	_	=	_	* 5			5.0	
Final Day O'S Vamilyan Fan Day O'Man Lan Fan Day O'Man Lan Fan Day O'S Vamilyan F			Vdm	4.5	ري. ري.	4.0	3.6	3.0	* 4.0	45	40	* %	* 0.0	+ 2	4.0	7.0	3.5	3.0	* 5.5	4.0	5:0		4,5	*~.		3.0	3.0	
Fin by D2 Van Am Fin by D2 Van Am Fin D3 OX Van Am Fin By D4 Van Am Fin By D4 Van Am Fin By D5 Van Am Fin By D5 Van Am Fin By D5 Van Am Fin By D6 Van Am Fin By D7 Van Am Fin By D6 Van Am Fin By D7 Van Am Fin By D7 Van Van Am Fin By D6 Van Van Am Fin By D6 Van Van Am Fin By D7 Van		0	D	?	ત		ત	3	۲	٦	4	7	~	9	7	7	7	4	જ	ч	7	٦	+	2	9	9		
Find 0.4 Dig Van Ham Find 0.5 Like 0.5												_																
Fig. 10 12 Van			_	=	32				32	34		-			28							38			=	3		
Find Dig Van Lam Fan Dig Dy Van Lam Fan Dy Van Lam Fan Dig Dy Van Lam Fan Dy Van Lam Pan Lam Pan Lam Pan Lam Pan Lam Pan Pan Lam Pan Lam Pan Pan Pan Lam Pan			Ldm	8.0	7.5	_	_			=	15.5	5.0		\$ 50	-					5.	==	6.0	9	1.	06	8.0		
From Du 20, Youn Lun Fam Du Page 20, Youn Lun Fam Page 20, Youn Page				5.0	5.0	5.0	5:0	*	5.0	45	4.0	0.0	* %	*~	2.5	30	3.5	3.0	15.	3.5	9.0	4.0	4.0	4.5	5.0	5.0	5.0	
Fin Du 2/ Van Lan Gan Du 2/ Van Lan Fan Du Du 2/ Van Lan Fan Fan Du Du 2/ Van Lan Fan Fan Fan Fan Fan Fan Fan Fan Fan F		5	0	3	7	7	7	જ	9	7	4	2	7	m	n	n	7	4	9	9	7	00	70	7	9	00	9	
Fin Du Ol Yam Lum Fam Du Du Vam Lum Fam Du Du Vam Lum Fam Du Du Vam Lum Fam Du Du Vum Lum Fam Du Vum Lum Fam Du Du Vum Lum Fam Du Du Vum Lum Fam Pam Pam Pam Pam Pam Pam Pam Pam Pam P									4	4		<u> </u>	7	2	12	7	4	ત	0	9		4						
Fin Du Du Vu				84	18				_	46		_	_	35	36	36	36	36	38	40	45	46	47	84	84	50	18	
Fam bu D2 Vam Fam Fam Du D2 Vam Fam D2 Vam			L-dm	2.0	2.0			7.0	4.5	5.0	* 5:0	* 7.	* 1,0	* ~		4.0			* 7	4.5		_	5.0	6.0	5.9	6.0	6	
Fin 0u 02 Van Lan Fam Du 02 Van Lan Van Van Van Van Van Van Van Van Van V			Vdm	4.5	5.0	4.5	4.5	* 60		4.0	* 6.		* m			2.0	2.5	75.4	¥ 3.5.	2.51	3.5	* ~;	3.0	13.67	4.5	4.0	4.5	
Fin 0u 02 Van Lan Fam Du 02 Van Van Lan Fam Du 02 Van Lan Fam Du 02 Van Lan Fam Du 02 Van Van Du 02 Van Van Van Du 02 Van Van Du 02 Van Du		5	70	9	7	જ	7	4	4	6	4	0	ત	d	٦	7	ч	7	4	٧	4	8	4	7	ત	7	4	
Fin bu D2 Van Lam Forn D2 Van Lam Forn D2 Van Lam Forn D4 D2 Van Lam D4 D2 Van Lam Part D4 D2 Van Lam D4 D2 Van	Mc)	2	Du		d	4	h	*	4	2	~	7	4	00	૪	4	ぴ	0	8	ч	4	8	7	7	7	ィ	4	
150 0.1 2 Vam				53	53	15	15	1-5	51	84	47	43	43	43	45	45	45	54	45	45	47	47	49		15	15	15	
150 0.1 2 Vam	Suc		Ldm	0.//	*	13.5	* /3.0	0.01	7.0	8.0			\$.0	4.0	\$.0	4.0	4.5	\$.0	7.0	7.5	6.5.	* /6.0	100/	14.0	¥ 10.5	12.0	0.01	
150 0.1 2 Vam	adne		V _{dm}	7.5	*00	7.5	3.0	5.0	6.0				45.5	* .ç.	*~	**0	R	0		3.5	* 5.0	*	\$.0	7.5	7.0	5.5	8.5	
149 2 2 1/10 1/10 1/15 9 5 1/10 1/10 9/2 1/2 1/2 9/2 1/2 1/2 9/2 1/2 1/2 9/2 1/2 1/2 9/2 1/2 9/2 1/2 9/2 1/2 9/2 1/2 9/2 1/2 9/2 9/2 1/2 9/2 9/2 1/2 9/2 9/2 9/2 9/2 9/2 9/2 9/2 9/2 9/2 9	Fr	95	PO	11	10	6	8	9	P	5	7	9	12	~	4	4	3	h	4	6	7	8	9	8	10	7	7	
10 13 10 16 10 12 14 16 16 16 16 16 16 16		. 4	_		9	2	7	9	7	4	9	9	5	12	9	3	9	200	9	00	15	7	00	9	9	10	9	
10 13 10 16 10 12 14 16 16 16 16 16 16 16			Fam	27	75	75	11	69	64	60	57	19			19	19	29	5-9	19	63	99	11		75	75	75	17	
1013				0	16.0	14.0	17.5	4/7.0	14.0	4 10.0	* 4.5	¥ 14.0	*0%	* 53			4.0		* 6.5	\$ 0.5	14:0	0.41	14.0	16.0	14.0	16.0	15.5	
15 20 21 Vam Lam Form Du Dr Vam Lam Proposition Form Pro			Vdm	10.0			0.//	* 0.	11.0	7.5	40	40.5	6.0	44	* 3.0	* /.S	40.0	6.0	4.0	6.0		0.//	10.0	0.0/	8.5	0.0/		
Fam Du Dz Vam Lam Fam Pa Fam Fam Fam Fam Fam Fam Fam Fam Fam Fa		09	DA	6	٢	11		00	3	00	*	9		7	00	9		7	00	5	8	7	6	12	∞	7	4	
Fam Du Dz Vam Ldm Fam Du Dz Vam Ldm F19 2 2 11.0 16.0 155 2 16.0 16.0 155 2 16.0 16.0 16.0 16.0 16.0 16.0 16.0 16.0		1	Du	11	9	15		10	14	6	7	12		13	10	/3	10	7	6	15	14	14	6	7	1	10	10	q.
155 2 110 140 D2 Vam Lam Fam Du D2 Vam Lam Pa Fam Pa			Fam	93	2	90	*				70	1/	70	11		74		16	18		48	85	88	90	88			ove k
115 20 115 20 115 11			L-dm	16.0	13.5	16.0	15.0	16.5	17.0	16.0	16.0	14.0	* %	11.0	13.0	_s.9/	10.5	11.0	11.5	14.0	15.0		16.0	17.0	16.0	17.0	17.0	db db
115 20 3 0 3 0 0 0 0 0 0			Vdm	11.0	8.0		8.5	5.01	11.0	0.01	0.01	85				0.0/	4	8.0		9,5	10.0		0.01	11.0	8.5	10.0	0.11	i
115 20 115 20 115 11			70	=						6	=						_			2	_				_		7	alon E
15 20 3 10 10 10 10 10 10 10		05	Du	0	6	e		-9	1	7	2					1.4	7/		4	1	4		5	8	2	2	~	ntenn
115 20 110 140 1			Fam	115	1/5	115	113	115	411	1/2	107	10/	40	66	100		_	103			///	1/3	1/3	1/3	1/3	115	1/5	ive a
110 NA S S S S S S S S S S S S S S S S S S						==	0.0						4.0	5:0		5:0	3.5	(5.0)	7.5			9.0	0.8	8.5	8.5	18.5	17.6	effect
14			Vdm L	1/.0//	11.0 11	1.5/	//.0//	0.0	1.011	1.0	1.01	2.0	1.01	10.11	1/5/	1 5.0	9.5 1	1/.5/	7.5/	3.0	1.0 /	3.0 /	3.5	13.5	13.5	3.0	19.0/	e of
13 1449 8 8 145 4 4 6 6 4 6 8 8 8 145 6 8 8 8 145 6 8 8 8 145 6 8 8 8 8 145 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		3	170		_						=		70				=	==					4	=		=		ulov r
3 149 88 145 143 145 145 145 145 145 145 145 145 145 145		. 01		7	7	0	0	8	8	8	3	7	7	76	7		9	9	4	4	76	る	4	٦	0	~	7	nediar
(LSJ) 110H O = 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					151	1.51	1-5,	64	64.	64.	64.	145	143	145	sh.	45	45	143	43	_	145	145	147	147	641	00	49	11
	(TS	ال (٦	_	00	10	02	03	04	05	90	07 //	80	60	0		12 /	13 /	14	15 /	/ 91	17	18	61	20 /	21	22 /	23 //	IL.

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 $D_{u}=$ ratio of upper decile to median in db $D_{\mathcal{R}}=$ ratio of median to lower decile in db V_{dm} ² median deviation of average voltage in db below mean power L_{dm} ² median deviation of average logarithm in db below mean power

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tation Boulder, Colorado Lat. 40, 1 N Long. 105, 1 W Month January 19 61

		Vdm Ldm	2.0	2.5 4.0	2.5 4.0	2.5 4.0	2.0 3.5	2.0 3.5	0.8 51	3.0 5.0	25 40	\$.0 4.0	3.5 5.5	* * * a.o 4.0	3.0 4.5	3.5 5.0	2.5 4.0	3.0 4.5	30 5.0	3.0 4.5	d.0 4.0	2.5 40	3.0 4.0	7.0 3.5	2.0 3.5	1
	20	70	0	_	7	٦	٦	0	0	~	~	7	1	7	٦	7	N	4	7	マ	d	0	0	0	0	
	2	۵	ત	1	0	0	0	7	~	7	h	٦	3	7	7	~	শ	3	3	マ	0	7	7	8	٦	
		Fam	23	pr	75-	25	25	75	150	27	27	29	27	27	27	79	29	29	27	25	157	2	2	73	23	
		Ldm	4.5	5.5	6.5	6.0	5.5	7.0	4.0	100	* 4	40.70	3.5	5.0	5.0	5.0	\$ 0.0		¥ //.0	* 00 N.S.	3.0	75.	4.5	45	4.5	
		Ndm Vdm	2.5	2.4	6:0	44	4.0	±50	₹ % 0.0	4.7	4 . S. I. S.	4 ×	2.0	3.0	3.0	2.5	4.0		8.0	£ 5:5	\$.0	4.0	3.0	3.0	3.0	L
	0	DA	۲	7	-9	5	4	1	ィ	m	e	9	9	9	2	00	20	12	۲	7	4	8	4	~	4	
		n _Q	?	6	5	00	00	12	ત	کم	7	7	7	7	7	4	7	4	~	h	5	0	000	10	8	
		Fam	3,	33	35	35	35	36	37	36	35	3	29	27	39	31	33	37	17	43	14	37	33	3/	3,	
		Ldm	7.0	7.5	\$:0	7.0	4.0	40%	9.0	5:0	0.5	4.0	45	4.0	4.5	4.5	4.0	5:0	7.0	7.0	9.5	15,	* 8.5	9.0	8.5	
		Vdm	5.0	5.0	÷~	4.5	4.0	5.0	6.0	*,5,	3.0	*5	4.0	2.5	2.5	12.50	A. 0	2.6	4.0	5.0	6.0	* 15	* 5.5	44	6.0	
	2	70	7	9	20	9	Н	9	4	9	7	2	7	7	7	7	7	7	7	0/	01	6	9	7	~	L
		Du	ħ	9	ħ	9	7	4	4	h	7	ત્ર	7	7	~	۲.	4	۲	4	7	~	7	9	9	2	
		Fam	رد	(z	54	54	7.5	54	50	84	38	36	36	36	36	36	36	38	42	S	54	54	رې	52	5.2	
		Ldm	5:5	0.0	8.0	6.0	8.5	8.0	6.5	4.5	4.0	\$,0	4.0	3.5	4.5	4.5	4.5	4.5	4.5	6.0	8.0	7.0	6.5	5.5	6.0	
		Vdm	3.5	6.0	5:0	4.0	6.0	5.5	5.0	3.5	2.5	3.5	* 4,	2.0	2.5	3.0	3.0	3.0	3.0	2.4	5.0	20	5.5	4.0	5.0	l'
	5	De	4	د	د	~	2	و	7	~	7	2	6	7	જ	ત	ィ	7	જ	4	7	2	9	2	4	
(Mc)	, Y	Du	00	7	~	00	7	000	4	2	べ	~	~	ď	イ	ぺ	3	3	3	9	5	7	7	7	5	
		Fam	50	5	G	51	52	52	5-0	46	th	42	42	42	42	42	42	42	44	46	50	52	52	52	57	
ncy		Ldm	10.0	11.5	13.0	+15.0	150	9.0	6.0	4.5	\$,0	4.5	6.0	* 5.0	5.0	5.5	50	5:0	5:5	6.0	7.0	7.0	9.0	9.0	9.0	
Frequency	Ī	Vdm	5.0	7.5	* 8.5	* 8.5	م بی ح. ه	7.5	* 0 %	2.0	₩, 0	2.0	4.0	3.0	3.0	2.5	3.0	25	3.0	3.5	4.5	3.0	6.0	6.0	5.0	
Fre	495	DE	7	6	00	01	8	6	٧	マ	R	~	જ	0	γ	7	7	4	4	5	8	7	10	4	9	
	4	Du	11	6	10	8	9	b	7	h	4	っ	3	4	4	9	2	4	4	6	14	12	8	12	10	
		Fam	75	75	74	74	70	99	77	09	09	べつ	0 9	09.	09	90	9	79	77	65	89	70	74	72	74	
		Ldm	15.5	15.0	+ 15.5/	15.5	2.9/0.	15.5	10.0	8.0	* 2.5	3,5	6.0	404	+ 4	4.0	4.5.	4.0	8.0	11.0	/3.5	16.5	/3.0	140	14.0	
		Vdm	4.0%	0.0/	10.	9.0	4/0.0/	10.5	7.5	* 15 12	3.5	*~? \?	* 7.	44	*%	2.0	4.0	2.0	5.5	20	8.5	0.0/	2.0	9.0	9.0	
	160	94	14	9	2	7	10	11	01	Ч	_	3	4	7	5	2	4	9	9	11	,	7	8	0	6	
	7	Du	0/	41	14	1/6	14	77	7	۲/	9/	4	15	13	15	12	12		11	5/	11	13	/2	16	14	
		Fam	95	16	89	89	68	86	18	13	70	16	11	74	7	75		75	11	h8	85	68	89	89	89	1
		Ldm	10.0 17.5	16.5	4 *	11.0 18.0	11.0 19.0	18.0	0.81	18.0	11.5 16.5	9.0 14.0	1.5 17.5	11.0 17.0	17.0	11.5 18.0	10.5 19.0	18.0	10 11.0 18.0	16.0	10.0 18.5	10.0 16.0	13.5	15.0	10.0 15.0	
		De Vam Lam	10.0	10.0/	4 10.0	11.0	11.0	11.5	0.81 0.11	11.5/18.0	*//	40.6	1.5	4.0	11.0 17.0	11.5		12.0 18.0	0 11	11.0		10.0/	8.0	6.0	10.0	
	1		9	00	200	6	00	6	4		7		200	8	. ~	8	14	10		9	9	8	7	7	9	
	. 051	Du	2	7	2	,0	9	9	00	9	7		7	9	7	9	5	8	5	10	10	10	00	8	01	
		Fam	811	811	811	811	118	811	1	011	901		tra/	po1	801	184	101	105	801	0//	۲//		114	114	114	
		E.	19.0	12.0 18.5	125 19.0 118	19.0	13.0 19.0	13.0 18.5	0.77	0.21 0.21	× /6.5	17.5	16.0	4.7.0	16.0	17.0	17.5	18.5	13.5 20.0	13.5 19.0 110 10	19.0	135 20.0	0.61	14.0 20.5 114	13.5 19.5 114	
		DX Vdm Ldm	13.0 19.0	13.0	125	13.0 19.0	13.0	/3.0	0.20	12.0	*	1.0 .//	* 0 ./I	10.5	11.0	11.5 17.0	271 0.61	12.0 18.5	13.5	13.5	13.0 19.0	135	12.5 19.0	14.0	/3.5	
	013	70	•	_			-9	د			7	7	و	9	4	4	7	==	9	00				7	4	
	0	οu	4	'n	*	2	3	7	7	2	4	4	7	7	9	9	7	12	4	9	5	29	_	7	7	
		T am	147	841	02 149	149	04 149	149	147	141	145	145	10 145	145	145	143	145	142	Eh1	143	145	145	145	145	145	
(TS	T) 4	noH	00	ō	8	03	04	05	90	20	80	60	0	=	12	13	14	15	91	17	18	6	20	21	22	F

 $F_{\rm gm}$ = median value of effective antenna noise in db above ktb $D_{\rm u}$ = ratio of upper decile to median in db $D_{\mathcal K}$ = ratio of median to lower decile in db $V_{\rm dm}$ = median deviation of average voltage in db below mean power $L_{\rm dm}$ = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Month February 19_

Station Boulder, Colorado Lat. 40.1N Long, 105.1 W

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		.013	3			·	051					.160				495	5				2.	5				2					0				20			
noH	FB	na	70	DX Vdm Ldm	_	Fam D	D n D	DZ Vdm Ldm	T Ld	m Fam		DA.	Vdm	Ldm	Fam	D _u	7	Vdm L	Ldm	Fam (Du	-	[*] μ _P η μρΛ	m Fam	m Du	70 1	wp∧ 3	*Ldm	Fam	Du	70	Vdm Ldm	* mp	Fam	D _u C	DX Va	Vdm Ldm	E
00	157	7	e	10.0 16.0		121		//	11.0 17.0	_	0.		10.0	18.5	19	0/	د-	60%	/30	56	6	4	3.5 5.0	0 56	-9		2.0	2.0	34	73	マ	2.5	4.0	26	3	~	0.40	0
10	151	4	7	10.0 15.5	==	611		9.5	5 /5.5	\$ 29	6		9.0	16.0	77	14	7	1.0 /	12.0	55	12	3	2.	0 58	360				33	9	_	0.8	4.0	90	1 3	0.7	7.5	a'
02	151	7	7 9	11.0 //	17.0	123		9.5	5 16.5	5 95	5- 10	8	10.5	18.0	77	12	4	7.0 /	12.51	55	10	2	3.0 4.0	0 57	7	3	5.0	8.5	34	9	ィ	3.5	5.0	27	,	3.	2,5	1/2
03	151	٦	2	11.0 //	17.5	121		6	9.0 15.5	5 92	13	2	/0.0	17.0	46	15	12	7.0 1.	13.0	5.5	0/	5	3.0 5.0	0 57	7 2	00	5:5	- 9.0	34	6	20	1.5.	3.0	27	.,	3	0 4.5	1
04	150	3	3	11.0 170	===	121		1/.0	0 17.5	16 -	1/6	د	11.0	18.0	72	15	3	7.0 /	12.0	, yz	۲۷/	3 4	4.0 5.5	5 55	5 6	7	3.0	8.0	34	12	ú	3.0 4	4.5-	77	2	2 1.0	2.5	10
05	15-1	4	4	11.0 17.0	_	12)		9.	9.5 175	5 83	3 12	00	11.0	20.0	67	20	4	70 /	7.5-	54	7	رم ک	2.5 4.0	5.4	4 7	10	3.5	7.0	36	00	9	2,5	3.5	27	7	7	0 3.5	5
90	149	7	7	11.0 16.0	_	611		10	10.0 16.5	5 79	9/6	00	9.6	16.0	19	6	76	× 0.E	\$.0	15	7	べ		15	7 1	7	4.0	20	38	12	n	6.0	0.0/	27	٠ <u>,</u>	2		
20	641	7		12.0 18.5		//3		111	11.0 18.0	0 73	3 /6	00	6.9	0.00	19	0	4	* 0.2	\$.0	47	7	4	40 5.5	5 45	7	٦	3.5	6.0	40	3	2	6.0	13.00	27	3	3.0	5.0	0
80	145	7	2	13.0		107		11	11.0 18.0	40	IA.		4.5	7.5	19			* 4	+ 7	45	7	7	6.0 5.0	0 39	7 5	,2	3.0	5.0	36	2	7	6.5	11.0	29	7	2.00	0 7.0	0
60	145			12.0 17.0	17.0	66		¢ /0.0/	* 0.9/ 0.	1/2			* O.	8.0	63			3.0 3	0:5	457				37	2		3,0	3.0	36				# 0	40				
0	145-			10.51	17.0	001		*0.	0 /3.0	0 74			5.5	8.5	12			3.0	* 6.5	43		00	4	5 37	2		8.0	4.0	±2,			35	5.0	4.9		1.0	7.5	5
=	145			9.5 14.0	4.0	001		9.6		23	, m		5.0	9.0	57			2.5	6.5	43				35	10		1.0	3.0	*			3.0 1	4.5-	479		CE	5 3.0	0
12	841			0.9/ 5.0/		102		10.0	0 15.0	0 77	2		6.0	8.0	63			* 0.%	* 3.	45	7	7	1.0 2	5 35	70		2.0	3.5	30	9	0			29	,	2 2.0	3.5	12
13	446			10.0/16.0		103		3	0.81 0.01	0 79	0		7.5	10.5	£3			2,5	4.0	45-	7	7	0	5 36	6 3	12	3.5	4,5	34	7	4	6.0	8.0	40		3.0	0 40	0
14	145			11.0 17.0		401		11.	11.0 17.0	08 0	0		8.5	14.0	63	7	~	3.51	5.5	45-	7	2	3.0 4.0	0 37	4 1	9 ,	3.0	5.0	38	ィ	9			30	4	2 3.0	0.5.0	.0
15	145	2	4	12.5 19.0		105		//.5	11.5 180	0 79	4 6	d	7.0	11.0	65	~	7	3.0 3	5.0	45	7	رب رب	2 0	0 39	9 6	7	5.0	6.5	04	4	8	6.0)	10.01	31	3	4 2	2.5 3.5	T,
91	145	4	2	135 20.0		107		7	12.0 19.0	0 77	81 6	00	9.5	17.5	65	~	7	40 ;	7.0	47	2	4	3.5 40	0 43	8	7	3.0	14.5	3	7	ч			29	5	4	2.5 4.0	0
_	145	7	9	12.0 18.5		111		12.0	0 19.0	83	1/2	9	9.0	15.5	65	7	~	5.0 9	9.0	5h	'5	4	1/2	45 53	3 4	5	3.0	6.0	1/6	12	3	-		27	7	3	0 40	0
80	145	9	2	12.0 18.5	_	115		10.	10.0 17.5	5 85	7	10	9.5	18.0	69	11	4	80	1.57	53	1/	4 3	3.0 4.5	5 55	5 4	4	1.5	4.0	44	3	4		•	757	7	2 40	6.5	10
6	146	£	15	12.0 19.0		113		10.	10.0 175	188	3 /3	3 /2	9.0	18.0	71	14	4	8.0 1	130	53	01	4 3.	3.0 4.0	0 56	1 9	3	1.5	4.0	th	3	8			7	7	2 4.0	0.90	0
20	147	٦	7	13.0	0 9%	115		11.5	11.5 170	0 86	20		0.0/	17.0	73	00	4	9.5	15:37	5-5	<i>></i> ∞	۶.	3.0 4.5	5 55	5.	7	3.0	6.5	36	10	4	5.0	7.0	25	7	2 20	0.40	0
21	147	2	7	13.0 19.0		115		1.11	11.0 18.0	88 0	00		10.0	18.0	75	12	7	9.0	16.0	5.5	8	4	3.0 5.0	5.5	5 4	7	4.5	8.0	36	00	9	0./	2.0	25	2	3 3.0	5.5	15
22	147	9	d	12.0 180	_	119		10.	10.5 17.5	16/2	1/6	2	11.5	20.0	77	2	د	9.0	15:0	-55	2	4 3	3.5 5.0	0 57	2	7	3.0	6.0	32	6	ぺ	3.0	5.0	75_	7	2 4.5	9	5
3	23 149	7	7	11.0 17.0		611		1/1.0	11.0 185	5 95	5	10	9.5	18.5	17	10	9	9.0	16.5	57	>0	12	3.0 5.0	55 0	7 5	7 7	4.0	20	34	8	3	2.0	4.0	257	8	2 20	0.40	0
-	11	media	n valu	ie of	effect	Fam a median value of effective antenna naise in db abave kt	tenna	noise	db ni	above	ktb																											

 $F_{\rm cm}$ = median value of effective antenna noise in db above ktb $D_{\rm u}$ = ratio of upper decile to median in db $D_{\rm g}$ = ratio of median to lower decile in the $V_{\rm cm}$ = median deviation of average voltage in db below mean power $V_{\rm cm}$ = median deviation of average logarithm in db below mean power

NOISE
RADIO
S OF
VALUES
H-HOUR
-HLNOW

Month December 19

Station Byrd Station, Ant. Lat. 80.05 Long. 120.0 W

		Vdm Ldm																								
	0	7 0	0	イ	イ	7	て	h	~	7	~	べ	7	7	0	0	0	0	0	0		9	_	0	0	0
	20	Du	0	0	0	0	0	0	ò	0	0	0	0	0	0	٨	4	જ	8	م	1	7	م	۲	4	,
		Fam	17	17	11	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	18	17	17	17	17	17
		mp-																								
		Vdm																								
		7 _G	4	4	7	2	4	7	ی	9	7	3	ری	7	7	+	2	12	4	~	4	7	8	9	4	4
	10	Du	~	4	4	7	4	3	15	7	7	4	۲	7	3	7	7	6	ィ	3	ゃ	4	4	4	4	4
		Fam	20	18	81	14	14	14	14	14	41	17	16	7/	16	11	11	17	18	8	20	20	20	20	70	20
		E P																								
		Vdm Ldm																								
		70	γ	٦	4	3	7	7	4	۲	7	へ	3	7	7	76	7	~	~	4	~	7	4	7	7	7
	5	Du	5	7	7	2	00	7	4	8	7	4	1,5	2	5	9	8	7	9	*	00	9	4	1	9	9
		Fam	18	16	91	15	14	14	16	14	14	14	15/	7/	14	14	14	14	14	9/	11	16	18	18	18	81
		Ldm																								
		Vdm 1																								
	5	10	γ	~	~	ィ	જ	٥	7	7	~	8	7	3	7	7	~	0		٦	ď		~	0		~
(Mc)	2.	Du	7	٦	7	7	0	7	7	ィ	7	4	2	7	7	~	78	7		٦	~	~	γ	~	3	4
3		Fam	77	77	22	72	24	77	22	77	77	77	7	7	22	77	77	77	4	74	7	23	77	77	23	22
cy		Ldm																	Ŧ 0		-				Ì	
Frequency		V _{dm}																								
Frec	5	D& V	7	ィ	7			7	~	7	7	7	7	7	7	7	7			7	7	7	7	7	+	4
	. 545	٥	20	4	4			٦	2	4	7	7	7	10	9	9	8			7	9	15	7	6	9	00
		Fam	55	5-3	53	53	* 53	5.5	53	5.5	755	2.5	25	5-4	55	5.5		5-6	*/5	255	53	57	55	53	55	5.5
				-,		*)	+*)	٠,	4,	9,	-)	-1)	-,	7)	3			* ~)	* 7	م	-,		- 4)		٠)	
		DZ Vdm Ldm																								
		/\ 7 d	7	4	4	ı			72	6	8	9	9	0	00	7	2			7	-9	7	7	5	76	4
	24(Du	α	4	4	ィ			9	7	4	4	4	4	4	7	٦ ر			7	(A)	7	4	~	<i>†</i>	7
		Fam C	_	67	67	5	67	65.	69	67	7	67	12	65-	67	7 6	65	77	6	67	27	67	7	77	69	67
		FP	7	7	7	7	7.9	* ~	9	9	7	9	7	79	9	2	79	*~	* ~	9	7	2	9	3	9	
		mb L																								
		DZ Vdm Ldm	2	7	ィ	٦		W	ۍ	7	7	7	~	~	7	3	~			~	7	7	7	7	76	3
	113	D _u	4	4	7	7		W	د.	4		7	7	ω , /	4	<i>w</i>	7								+	
		F _{am} D	76	74 4	1 46	74 4	7	75- 3	75-	74 "	74 2	74 "	74	74 3	74 4	74		7	7	74 4	74 3	74 4	7	76 0		75 3
				-	1	1	74	1	,	-		1	1	-	7	7	74	74	74	7	7	7	14	1	74	7
		Vdm Ldm																								
		P _A Y _Q	~					دع	+	ام		7							0.1			7			7	
	051		7	7			4	4 2	7	7	7	<u>+</u>	1 4	4	7	۲	~	3	8	~	7	1 1	7	7	7	4
		n Ou	6	96 2	1 9	7 9	6 4	4 9	6 2	7	7 9	7 9	7 9	4 4	7	7	7	7	t +	4	4 5-	6 4	9	4 9	7 9	7
Lic	7) 1	I F	96 0	=	02 96	03 96	4 96	5 96	96 9	7 96	96 8	96 6	96 C	194	7 94	3 94	t 94	5 94	5 94	1 94	3 94	3 96	96 0	96	76 3	3 96
LIS	ار (ات	· IOH	8	0	Ö	0	04	02	90	07	08	60	10	Ξ	12	13	14	15	91	17	8	6	20	2	22	23

 F_{om} = median value of effective antenna noise in db above ktb D_{u} = ratio of upper decile to median in db $D_{\mathcal{A}}$ = ratio of median to lower decile in db V_{dm} = median deviation of average voltage in db below mean power L_{dm} = median deviation of average logarithm in db below mean power

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Σ	O	H	MONTH-HOUR VALUES OF	~	AL	UES	0		RAC	OIO	NOISE	SE		Sto	Station Byrd Station, Ant.	rrd St	atio	n, A	lit.	Lot.	80.	80.0 S Long.		120.0 W	M 0	Month	Jan	January	>1	9 6	61
(TS														-	Frequency		(Mc)														
اد (٦		.051	-			113				. 246				, 545	2		2.	5				2			1	10			20		
noH	Fam.	ρŋ	DX Vdm Ldm	Im Fam	n Du		D& Vdm Ldm	dm F	Fam D	o na	Dr Vdm Ldm	-dm F	Fam c	D na	De Vem Lem	m Fam	Du	Dr Vd	Im Ld	Vdm Ldm Fam	n Du	Dr Vd	Vdm Ldm	Fam	n _O	Dr Vdm	Vdm Ldm Fam		D _u D	D. Vdm	Vdm Ldm
8	101	5	0	28	00	7		9	66	2 4		4)	_	4 4	4	77	7	۲		8/	6	h		7	2	0/		8/	-,	7	
ō	101	9	4	28	2 6	7		3	68 2	7 4		-,	54 4	4 4	t t	حرر	7	イ		17	7	2		7	4	7		17.	~	0	
8	25	00	و	77	7 7	6		2	4 77	0 h		٦	52	00	7	77	0	۲		8/	7	4		7	7	5		61	_	~	
03	66	9	<i>+</i>	76	,0			**	* 6 g			* 4)	4×			77	4	٦		9/	1	٣		19	4	9		17	4	0	
04	6	00	4	74				+3	400			+ 5)	54			77	7	0		11	8	4		19	7	9		17	7	0	
02	97	00	7	77	7 7	2		9	66 4	4 0			, 45	# #	7	22	7	2 .		1/	7	4		17	4	7		17	2	7	
90	66	من	و-	78	7	7		7	7 77	7		-,	45	9 1		~~	7	7		14	2	ィ		17	4	7		17	\ \		
07	101	7	9	28	8 %	7		7	4 79	7		,	54 1	6 4	4	22	ч	7		14	4	4		17	ħ	9		17	0 7		
80	101	9	7	80	5	9 -		3	4 77	7		-3	52	2	7	22	7	٦		14	4	4		17	ィ	3		17	7	0	
60	001	3	م	. 78	8	7		-9	299	4 4		-,	52 (4 4	+	77	7	ィ		14	7	۲		17	2	5		17	2 0		
10	101	7	9	28	6 6	4		7	4 79	7		*)	34	6 4	,	77	8	~		14	٦	۲		17	٦	3		17	0 4		
E	66	00	+	18	-9	7		7	11	7 4		,	54,	4	*	حري	7	~		14	4	~		17	~	4		6	0	7	
12	99	9	9	80	9	3		3	67 3	2		• 7	54	7	7	44	~	7		1	76	~		7	4	3		61	0	7	
13	99	00	+	77	7 11	W		3	2)	7		4)	54	2	3	72	7	જ		14	9	٦		17	4	4		6/	0	~	
14	66	9	9	80	6	~		9		7		-7	3	4 3	00	イイ	7	4		14	3	8		17	2	4		6/	7	7	
15	101	9	8	76	0/ 9	7 0		C#	66			+ 1)	507			77	7	8		14	م	ィ		19	ィ	4		6	0	7	
91	101	4	8	76												24	4	٦		14	4	7		12	4	2		6/	~		
17	101	h	6	₹0 <u>2</u>				3	68	7 7		-2	42	6	7	44	4	0		14	15	٦		7	4	00		19	0	~	
8	101	8	9	80	0	9		9	199	7 7		*3	54 "	1 1	4	イン	0	4		1/6	7	4		73	4	4		61	_	~	
6	101	00	e	80	5,	2		9	199	7			34	7	7	7	٦	٦		70	9	r		7	1,2	11		61	١,	7	
2	101	00	2	80	5	9 -		3	99	3		2	5.4	4	7	22	ત	٦		0/	8	5		23	9	8		61	_	~	
21	103	7	9	16	0/ 5	γ		9	99	7		-)	54.	7	7	~~	4	۲		2	00	00		7	9	9		6/	,	~	
22	22 103	Q	e	18	9	2		9	99	7 7		7	4	2	3	77	0	٦		70	6	2		157	4	9		19	0	7	
23	23 103	4	8	18		4		9	66	7			5.6	3	9	7	4	~		イベ	7	7		77	9	4		19	0	~	
	11	mediar	F = median value of affective antenna noise in db above kt	fective	ante	and nois	in in	yordo d	4+4																						

 F_{gm} = median value of effective antenna noise in db above ktb D_u = ratio of upper declie to median in db $D_{\mathcal{R}}$ = ratio of median to lower declie in db V_{dm} = median deviation of average voltage in db below mean power L_{dm} = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

19 61 Month February Station Byrd Station, Ant. Lat. 80, 0 S Long. 120, 0 W

		Vdm Ldm																								
	20	70	-	0	~	0	~	ત	~	0		0	\	۲	٧	٦	~	0	0	0	0	0	7	ત	~	(
	2	'n	_	~	~	~	α	٦	γ	٦	۲	۲		1	0	0	7	٦	_	0	'	ィ	_	0	0	٥
		Fom	18	17	17	17	17	17	17	17	17	17	18	61	19	61	61	9	61	61	18	61	19	61	19	61
		Vdm Ldm												Ì												
		Mb/																								
	10	70	9	00	6	1,50	1	6	6	00	0/	00	3	3	ぺ	ત	7	6	~	15	3	~	3	00	6	1
		n _O	12	1,0	4	7	6	7	, ,	4	5	3	3	~	3	٦	0	~	h	3	2	7	9	9	9	7
		Fam	2	77	42	61	61	61	17	19	17	18	17	61	17	17	7 /	78	23	26	25	75	47	28	27	3 5
		Ldm																						,		
		Vdm I																								
		J _Q	49	00	6	12	-	6	9	۰	4	7	7	7	٦	ત	3	-0	7	. 9	7	8	0/	11	16	(
	20	Du	6	A	7	15	1	2	4	4	4	7	4	4	3	7	9	~	ħ	3	7	0/	9	9	3	0
		Fam	27	27	15	70	L	à	6/	61	17	17	151	157	15/	15	17	6/	51	22	24	27	38	33	33	` `
		mp-																								
		Vdm L																								
	ro L	-	0	ત	ベ	0		7	_	3	7	_	~	ィ	-	3	7	~	0	6	0		4	7	7	
<u>S</u>	2.		ત		~	7		٦	4	1		7	,	0	7	3	7	4		۲	ч	0	7	7	8	,
(Mc		Fam C	77	hr	pro	7	* 25°	pt	77	he	24	77	pr	hr	74	4	77	7	77	70	74	24	77	22	77	- /
cy		Ldm F			0	- 6	* 0	0		- 6	8	7	-	0			7			- 6	- 6					
Frequency		Vdm Lc																								
red	5		I	~	٦			3	7	8	4	7	4	*		7	4				~		4	7	7	
u.	. 545	ם תם		κ,	7					3	7 '	7	7	7 4	7	7					9	4			4	
		Fam D	7 5					56 4	57 3		56	56 4	_		2 3	7 9.	8 9	0		9			ح ۲	4 4	7	
			157	57	576			,5	5	5.6	5	3	5.6	5.6	56	326	56	\$ 5.9		356	5.6	3-6	3.5	54		
		m Ldm																								
		DZ Vdm																						0		
	246		0	0	0			0	0	~	0 0	0 /	7	0	0	0	0				0	0 1				
		Δ	15	7	h h			1 7	1 7	9 /	1 7	1 5	7 5		7	1		١.			7 6	4	7 1	4	3	,
		n Fam	49	104	64		49	64	64	64	49	64	64	17	99	19	64	65,	49	t 2	64	49	64	64	65	,
		Dr Vam Lam																								
		Vdm																								
	3		7	3	2			7	7	15	4	8	4	h	7	~	~				S	h	7	ત	5	7
	11.	D ₀	4	-9	*			ч	4	7	h	4	4	7	4	3	5				1	7	9	4	8	_
		Fam	48	22	98	18		84	84	84	68	8	2	84	82	82	68	*00	+00	\$00	83	48	8	8	84	4.1
		Hp-																								
		DX Vdm Ldm																								
	51	70	7	1,5	7	_	d	ィ	_	3	3	7	ħ	, ω	~	7	ħ	~		h	8	5	ħ	4	4	,,
	.051	no	4	n	2	1,2	7	4	2	س	B	べ	3	n	3	15		12		7	5	*	h	80	h	/
		F.	101	107	101	105	105	105	h 01 90	105	201 80	20/ 60	201	201	105	105	20/	15 /03	*0	105	501	901	101	105	107	601
(TS	اد (۲		8	ō	8	03	04	05	90	20	80	60	01	=	12	13	14	15	9	17	18	61	20	21	22	22

Fam = median value of effective antenna noise in db above ktb

 D_{u} = ratio of upper decile to median in db $D_{\mathcal{K}}$ = ratio of median to lower decile in db V_{dm} = median deviation of average voltage in db below mean power L_{dm} = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Month December 19 60

Lat. 30.6 S Long. 130.4 E

Station Cook, Australia

		Vdm Ldm	4.0	+14	* 0°	+w N	40	* 5°	*~ ?:	* 2,4	* S	47	+ w , v	4.0	+3	× 0.7	+ 4.7	* 1°		÷ 6.5	47,	4.5	44	4.0	7 h	4:0	
		-	+ 3	20.0	4.8	40.0	45.5	*~	7.5	*v;	+0-	*8	+7	* ~	+ .x .S.	*x	+0:	*~		+ v,	+ w	+ &	*4	3.0	3.0	7.2 0	
	ے	70	7	~	0	0	a	7	べ	~	~	_	3	9	~	7	7	~	~	7	h	n	7	7	*	٦	
	20	200	2	7	>	۵	۲	0	~	76	۲	w	~	h	7	~	000	h	5	9	7	5	7	9	4	h	
		Fam	25	24	22	22	77	24	24	74	he	73	77	77	24	26	26	97	38	26	38	17	76	26	26	26	
		Ldm	4.0	4.0	500	4 10.01	7.5	4.5	10	0.9	5.5	\$.0	チンジ	\$:0	*5	7.0	7.5	¥ 0.8	5:5	6.5	4.0.5	5.0	4.0	4.5	75%	6.5	
		mb/	3.0	3.0	*~	6.0	4.5.4	* 7	4,5	3.5		3.0	*5	#\S	3.0	* 4.0	4,0	40	3.0	3.5	15.	3.0	3.0	40	55	3.5	
		70	6	2	1	7	4	~	2	9	6	1	15	11	0	1	7	00	6	0	00	00	٥	00	00	0	
	=	70	12	4	3	~	3	~	9	00	0	7	5	4	7	べ	00	~	2	2	7	5	9	~	2	1	
		Fam	16	1/2	7	26	44	42	30	34	3	2	3	34	35	38	38	スケ	7/	46	8 4	50	84	64	3 /2	47	
		Ldm	\$ 0.01	9.5	9.0	6.0	9.0	40%	4.0	511	6.0	13.0	4.5		4.0	* 5.5	4.50	4.5	\$0.0	*0.	8.0	8.0	2.5	8.0	* 0.0	\$0°	
		Vdm/	\$.0	5.0	5.5	3.5	5.0	40.9	75.	2.0	4.5	75.	2,5		*4	3.5	\$.0	5.0	40.4	4.5	40.	35	40.	* 5°	450	5.5	
		70	12	2	2	9	7	7	6	0/	10		د	7	2	11	15	8	3	14	11	7	~ ~	00	7	e	
	, r	n _o	2	9	~	9	9	7	6	4	14	10	0/	//	8	~	00	20	10	00	9	00	7	9	~	ı	
		Fam	57	56	56	5.6	54	C,S	40	34	27	29	30	28	30	32	35	38	40	34	53	09	77	19	09	5-9	
		Ldm	14.5	15.0	12.51	12.5	16.0	4.0	F 15.5	4.5	10.5		3.5		40.70	7.0		¥ /3.0	16.0	7.0	8.0	40.6	10.0	10.5	4 10.0/	12.5	
		mp/	2.0	8.0	7.0	6.0	8.5	* 5.	40.	* C.	7.0		× °		*	13.		× 0.0	11.0	*.c	40	407	5.0	5.5	* P	* 2.5	
	L.	2	7	5	7	7	00	2	6	7	4	7	00	9	00	6	· 00	0/	1/6	- 1	14	16	01	14	ú	8	
(MC)	2	D	00	6	00	9	6	10	14	14	14	0/	8	7	্	7	42	30	20	15/	01	7	00	9	00	6	
5		Fam	77	64	1	77	07	54	38	38	77	77	36	24	77	27	28	32	36	37	5.2	62	89	89	67	99	
700	2	Ldm,	1/.0	17.0	16.0	14.0		17.0	24.5	15.0	7.0		5.0	10.0	5.5	2.0		8.5	9.0	12.0	5.5	7.0	7.5	9.0	0.//	/3.5	
Fraguency	5	*E	5.5	8.0	7.5.	2.0		2.0	17.0	10.0 15.0	5.0		3.0	6.0	3.0	4.0		5.0	0:5	7.0	30	3.5	3.0	4.0	6.5	6.5	
F	545		13	7	9	%	15-	5	7	べ	7	01	6	8	e	8	77	8/	1	۲۲	18	15	7	00	10	01	
	L.C	• 0		10	2	00	9	17	61	14	14	5	11	18	~	38	17	26	hr	20	/3	10	1	9	9	00	
		no.	88	88	28	64	80	25	3	52	ζS	54	57	95	5.6	09	hl	70	70	74	hl.	86	16	93	93	27	
		_da #mb	7.5	12.5	17.5	17.0	20.0	040	31.5	24.0		21.0	16.5	18.5	5:8/	7.0 /3.5	14.0	9.5	8.5	0.7	5.0	6.5	8.0	9.5	9.5	0.01	
		D / Vdm	4,5	6.5	9.0	9.5	11.0	16.57	11.0	13.0		11.5	8.5	0.01	5.11	2.0	7.5	5.0	4.0	6.5	2.5	3.0	3.5	4.5	5.5	5.0	
		70	0	9	2	00	10	4	/3	20	18	8/	16	11	16	7/	17	76	44	20	17	9	8	8	9	7	
	1	0,0	2	90	4	00	8	14	13	11	15	14	9	14	81	20	/3	1	10	7	//	7	4	7	7	7	ctb
		F.	7/	7/	17		8 01	76	87	92	93	46	88	95	96	102	109	//3	1/2	1/3	110	9.5 114	5.5 10.0 118	5.5 11.0 116	16.0 114	1// 3	9AOC
		Ldm	7.5 13.0 /12	7.0 13.5	9.0 15.5	9.0 15.5	17.0	12.5 20.0	11.0 18.0	0.00	7.0 10.5	13.0 21.5	10 12.0 20.5	5.6	19.0	6.0 12.0	16.5		10.0	9.0	12.0		10.0	11.0		14.0 113	db at
		D2 Vam 1-dm	7.5	7.0	9.0	9.0	9.5	12.5	11.0	11.5	7.0	/3.0	0.8/	8.5	11.0 19.0	6.0	9.5 16.5		5.0 10.0	5.0	6.5	5.0	5.5	5.5	9.5	8.0	ae in
	1	7 ₀	3	4	2	7	9	و	8	7	9	~	10	000	2	00	9	01	11	6	8	10	-	7	9	9	ion po
		10	5	7	~		9	9	7	0/	10	01	8	8	01	10	10	6	00	13	14	8	8	9	9	5	antenr
		m _B	14.0 /33	134	134	132	732	126	10.01 S.S. 124	13.0 19.0 120 10	811	13.0 20.0 120	727	5.5 140 124	01 32.0 126 10	130	8.5 15.0 132	7.0 11.5 134	134	132 13	4.5 11.5 132 14	136	8.0 135 138	75 135 138	8.0 13.5 138	2 85 13.5 136	tive
		₩ _E	14.0		13.0	9.0 145	9.0 12.5	17.0	15.5	19.0	811 0.61 0.61	20.0	13.5 21.0 122	14.0	23.0	10.5 17.5	15.0	5://	5.11 5.9	6.5/2.5	11.5	7.0 14.0	13.5	13.5	13.5	13.5	effec
		D2 V4# L4#	5.8		8.0 13.0	9.0	9.0	10.0 17.0	10.0	13.0	12.0	13.0	13.5	5.5	14.5	10.5		7.0	6.5	65	6.5	7.0	8.0	7.5	8.0	15.8	ue of
	1.2	270	7	_	7	٦	ィ	٨	٦	7	7	n	مرا	9	9	7	7	00	4	7	9	7	9	7	p	マ	n val
		0,0	9		77	ħ	4	7	4	7	t	2	2	7	9	t	9	5	7	7	4	9	12	00	7	00	media
		Fam	158	158	160	15/	158	15.6	154	154	154	154	155	156	15-6	15-8	160	79/	164	791	762	091	791	160	160	15-8	For a median value of effective antenna noise in db above kt
(1	SŢ)	Hour	8	ō	8	15/ 20	04	02	90	20	80	60	10	E	12	13	14	15.	91	17	18	19	20	21	22	23	-

 $r_{\rm Cm}$ = median value or effective aniena noise in do above ktb $L_{\rm U}$ = ratio of upper decile to median in db $D_{\rm E}$ = ratio of median to lower decile in db $V_{\rm dm}$ = median deviation of average voltage in db below mean power $L_{\rm dm}$ = median deviation of average logarithm in db below mean power

Station Cook, Australia
NOISE
OF RADIO
VALUES OF
MONTH-HOUR

Month January

Lat. 30.6 S Long. 130.4 E

		* mp_	4.5	4.5	4.0	4.0	4.0	5.5	3.5	3.5	5.0	35	5.0	2.5 4.5	3.0	5.5	4.5	3.5	45	5.0	5.0	4.0	7.0	5.0	5,5	4.5	
		Vdm Ldm	2.5	2.5	2.0	2.0	7.5	3.0	2.0	2.0	2.5	2.0	3.0	2.5	1.5	3.5	2.5	2.5	1,5	3.0	2.5	3.0	5.0	2.5	6.5	0.0	
	0	₹q	ц	4	٦	۲	~	7	3	γ	3	4	9	5	3	7	4		5	7	9	2	10	7	7	ત્રે	
	20	D	4	べ	4	~	4	4	Э	ィ	3	4	4	2	7	۲	7		h	15	15)	7	9	*	4	9	
		Fam	77	26	hr	44	74	74	75	26	75	76	25	76	970	26	27	17	29	19	28	38	17	20	77	76	
		Ldm	6.0	6.5	5.5	5.5	4.5	6.5	7.0	45	5.0	5.0	4.0	\$ 5.0	4.0	45.5	4.5	6.5	6.0	0.9	* ح	6.0	5.0	3,0	7.0	6.0	
		Vdm	3,0	3.5	* 50	3.0	7.5	4.0	45	* ~	3.0	*15	2.0	3.5	\$ 0.8	* 55 S	4.0	4.0	t.0	3.0	3.0	3.0	* 3	たら	4.0	3.5	
	0	J'Q	4	ħ	9	7	9	4	۲	6	3	4	ή	3	4	9	11			00	7	۲	3	7	マ	4	
	1	Du	4	9	7	Ч	ヾ	3	4	9	7	7	9	11	0	11	7			r	~	~	\sim	9	12	7	
		Fam	sh	45	45	14	14	40	37	35	32	32	31	27	27	29	33	39	1/4	43	45	47	47	45	45	45	
		Ldm	11.0	0.11	9.0	8.0	10.0	80	11.0	\$.0	40.	4,0	* 5.5	40.6	5:0	35	*5,	7.0	+ 4.	40	20.	8.0	*0.	7.0	85	* 0°	
		Vám	6.0	5.0	9.5	4.0	\$.0	4.0	7.0	5.0	5:5	35	40	4.0.2	*°°°	+ %	4/.5	4.0	7,5	4.5	+ B.	4.0	**	35	4.0	40	
	5	Za	4	9	~	~	٧	4	7	S	1	9	8	6	7	` '	00	9		=	7	6	2	9	٦	7	
		n _O	4	þ	٦	4	7	٦	7	0	10	1/2	77	6	00	=	7	0/		0	2	12	9	7	5	2	
		Fam	54	52	54	3	4	15	1/	32	38	31	30	36	76	32	32	32	37	43	47	55	5.6	50	156	54	
		L-dm	*	13.0	13.0	13.5	14.0	///.5	14.0	12.0	5.0	4.50	7.5'		*4.2	* 12	+0	7.0	6.0	* 62	10.0	11.0	\$ 0.0	/3.0	241	14.0	
		mp/	*0	6.0	* 00 10	7.0	7.0	6.5	\$.0	\$00	±€.	* 42	450	1.5	2.0	4°.	4.4	40	47.	4.2	5.5	6.0	* C.	2.5	6.5	7.0	
	2.5	70	00	7	7	9	9	1	9	۲/	~	8	10	10	10	14	//	7/		15	6	//	7	2	1	7	
(Mc)		n Du	5	7	3	9 2	0/	5	00	5	14	/ /3	0/ 0	5	9/	1/9	28	70		6/	11	2	0	2	2 7	1	
		Fam	62	09	09	15-8	28	57	140	34	7	38	30	30	30	34	3,	32	33	36	66	58	79	63	62	è	
Frequency		* Ldm	17.0	17.5	19.0	21.5	- 15.0	22.0	-17.5	20.5			13.0		9.5	17.5		0.//	73.0	23.0	16.5	11.5	12.5	12.5	15.0	15.0	
redu		* Ndm	7.5	9.0	9.0	13.0	7.5	13.0	12.5	13.0	-1		17.5		6.5	8.0		8.0	8.5	/3.0	6.0	6.0	7.5	7.0	8.5	8.5	
Œ	545	70	01	000	12	8	9	8	7	/3	7	//	//	00	/ /3	1/6	10		14	7	7/	8	00	9	9	9	
	•	D _m	9 6	5 7	6 9	9	3 8	7 14	3 14	11 0	5/ 12	8 13	6 17	5/ 15	8 15	1/2	00	8	3 /3	11	1 7	1 1	6 9	8	01 6	1/0	
		n Fam	5 87	, 85	84	83	96 0	5 57	5 53	0 56	5 55	8-5 0	5.6	555	5.8	19 3	5-6	4-5-9	69	19 6	89 3	18 0	286	88	187	0 87	
		* Ldm	18.5	0.61	20.0	5 21.0	12.0 21.0	23.5	23.5	20.0	21.5	0.150	0.96.0	5.11.5	0 /3.0	135	0.01	9.5	5.9 0	15.0	- 16.5	18.0	0.16	0 18.0	14.5	0 31.0	
	0	DZ Vdm	9.0	10.0	10.5	12.5		15.0	14.0	12.0	12.0	13.0	18.0	9.5	2.0	2 7.5	0.9 6	5.0	5.0	8.0	8.5	8.5	10.0	9	7.0	10.0	
	. 160		4	9	9	7	9 1	8	00	1/2	14	0/	15- 6	1/0	7/0	2/2	01 (9	8	1 1	7 9	7 7	7 8	2	0	
		Fam Du	8 601	9 6	8 60	01 601	8 101	93 12	2/ /3	83 12	85 6	85 12	83 15	01 68	9 10	3 12	95 9	00	7 /1	95- 1	6 6	7	,	8 601	6 6	8 601	k+b
				601 5	601 0	16.0 10	==					_			18.0 89	:0 93	_	86 ,	5 97		16 0	101 0	110		601 0		noise in dh ohow
		Vdm Ldm	م.ص م	5 /05	5- 19.0		5 18.5	5- 18.0	0.000	13.0 21.5	13.0 23.0	23.5	* 0.	0.5%	# 011	0 15.0	0.11.0	+ 4.	0 /3.5		0.9/ 0	0 75.0	0.9/	0 18.5	5, 4,0	5- 4.	in db
		DZ Vd				10.5	1/1.5	P * 6.5.	0.01	6 13	10 4	0.4	8 15.0	7 16.0	4/	\$6.0	1 6.0	7 5.0	* 6.	10.0	6 4.0	1 8.0	5 8.0	- 10.0	12.5	6.5	noice
	0.51	o no	5 7	,	4 6	7 8	7 8	8	h 9	9	_	10				2 6	h 9			9 5	7 6	4		6 5	7 8	7	
		Fam D	133 5	132 4	132 4	130 8	130 8	8 601	120 6	811	h 811	700/	120 4	120 5	124 5	451	126 1	128 7	127	126	126	7 8 6	132 6		132	132 6	tuo en
		-		* 14.0 /		15.5/	5	3	./	1/8.5/	16.5 11	2	_						t70 1/	14.0 15			180 13	18.0 132	.1 0.		factiv
		Vdm Ldm	* * 0.9 9.0 14.5		4 4.5	\$ 5.6 \$ 5.7	10.0 165	11.5 18.5	11.0 18.0	* 0.//	13.0 4	13.0 21.0	0.55 0.41	* * 16.0 23.5	11.0 18.0	12.0 19.0	10.0 17.0	9.5 170	105 7		12.0 19.5	11.0 18.5	11.5 18	* * 11.0 /8	11.0 16.0	9.5 15.0	ğ.
		12	40.		70.	40.	1		*	**	75		7		*-1°	15	* 7	70.	+6	4 7.5	1 X	* = =	6 11.	* 4	6 11.	5 P	Valide
	013	70	2		7	4	3	-	7	7	7	3	7	4 5	2	2	~	7		1 4	٦,	0	3	7	4	5 5	= median value of effective antenna
		am D	15-6		158	15%	156	156	152 4	153 4	154	52/	154	153	, hS1	155	156	15-8 1	15-8	28	156	154	158	15.8	15%	157	
(TS	٦) ا	nuoH	8	7	02	03	04	05	7/ 90	07 /	7 80	7 60	01	=	12 /	13 /	14	15 /4	19	17 //5	8	61	20 /	21 /3	22 1/3	23 //5	ų
-				_	_	_					_	_			-				_					4.4			

Fam = median value of effective antenna noise in db above ktb

 D_{μ} = ratio of upper decile to median in db D_{μ} = ratio of median to lower decile in db V_{dm} = median deviation of average voltage in db below mean power L_{dm} = median deviation of average logarithm in db below mean power

NOISE
RADIO
R
VALUES
-HOUR
MONTH

_1			Vdm Ldm	3.0 4.5	3.0 4.0	4.0	3.0				45	3.0	2.5 4.0	4.5	2.0 4.0	4.5	5.0	4.5	4.0	3.5 5.5	6.5	3.5-6.0	4.0	9.0 11.5	3.5	4.0	4.0	
19 61			Vdm	3.0	3.0	3.0	0.0				3.0	2.0	2.5	2.0	2.0	2.0	3.5	3.0	3.0	3.5	4.0		0.0		2.5	2.0	3.0	
		0	70	3	~	7	ષ	7	7	7	0	7	7	7	7	~	7			~	7	γ	~	イ	8	7	7	
uar		7	۵	7	8	3	76	જ	4	0	~	~	~	4	7	9	7			1	12	24 10	9	n	ત	7		
February			Fam	po	24	24	24	pe	Tre	24	24	24	74	46	73	40	pr	72	* 1×	28	38		pre	74	24	6.5 24	8.0 34	
			Ldm	8.0	7.0	40	40%	7.0	4 6.5	4.0	6.0	7.0	\$:0	4.0	7.0	4.0	* -5.5	4.5	8.5	¥0.0	6.0	5.0	6.0	6.0	6.0	6.5	*00 3.	
Month			De Vam Lam Fam	45	4.0	6.0	4.5	*~;	4.0	* 5.5	4.0	4.0	4,5%	3.0	から	4.0	3.0	40.4	5.5	\$7.0	3.5	2.5	4.0	\$.0 0.0	3.0	4.0	4.5	
Š		0	J'Q	7	7	12	4	9	9	3	12	4	7	7	5	3	7	4		3	4	べ	4	3	6	7	~	
国		1	Du	4	c	4	9	9	6	5	7	8	7	12	5	8	00	9		4	3	4	4	م	12	べ	~	
130.4			Fom	45	46	47	43	41	39	40	38	33	31	31	31	29	32	35	39	43	46	47	49	49	84	47	8.0 46	
			De Vem Lem	5.0 10.0 45	4.0 10.0 46	8:5	15,00	10.0	6.0 11.0	11.0	85	80	7.5'	6.0	7.5	* S.o.	\$00	8.0	85	7.0	4.5	4.5	2.0	8.5	4.5	4.0 7.0	+ 00 0.0	
Long.			Vdm	5.0	4.0	4.5	* 8.5 Bis	5.5 10.0	6.0	4.0	5.0 85	6.0	3.0	40	3.0 7.5	4,5	15:4	2.5	4.5	4.0	3.0	5:0 9.5	3,5	4,5	5.5	4.0	2,0	
S			D	η	10	4	~	7	4	7	7	0/	10	7	00	3	00	12			7	9	-9	7	7	4	7	
30.6 S		ĸ	Du	7	15	4	7	7	4	9	[]	Te	/3	15	13	15	11	1.1			13	7	12	~	8	7	7	
Lat. 3			Fam	57	5-8	57	57	57	58	49	36	31	76	27	77	27	27	34	35	18	45	53	19	19	19	59	5	
ت			Vdm Ldm Fam	13.0 57	14.0 5-8	* 4:5 ⁻		14.0		7.5 14.0	15.0	¥0,	8.0	7.5	11.0	7.0	* 5.5.	8.5			7.5		10.5	4.0 8.0	* 0.5 2.0 0.5	13.0	12.5 59	
lia			mp/	* 12.	7.0	10 %	6.0 13.0	6.0	7.0 15.0	7.5	7.5 15.0	15°	*** !S.	45	\$7.5	+~; !?	+ ~i	50.5			40	45-8.5	2.0 10.5	4.0	*3	6.0 12.0	6.0	
stra		5	70	7	00	15	4	9	8	7	01	4	~	0	7	00	9	1			8	0	12		D	2	7	
Cook, Australia	(Mc)	2	Du	10	6	7	9	9	9	7	9/	14	00/	77	11	710	18	25,			19	11	7		00	4	00	
ę,	٤		Fam	99	29	29	49	64	49	50		۲۳	8/07	18	22	26	90	30	35	31	39	5-4	49	62	19	89	99	
ပိ	ncy		De Vom Lam	15.0	8.0 19.0 66	175 66	17.0	18.0		¥.5.12	10.0 17.0 38		75	11.0	\$.0	6.0	e t		7.0	4.1	8.0	8.0	* /0.5	5.0 10.0 69	9.5	3.0	15.0	
 	Frequency		dm 1	7.0.	8.0 /	8.5-	7.5	40.6	8.0 14.0	12.5	0.0	15:0 25:5	\$5.0	6.0	* 0	* 0.5	* 5.5		* 0 P	10.4%	\$:0	* 5.0	\$ 0.5	100	5.0 0	5.5 13.0	7.5	
Station	Fre	545	20	2	9	و۔	4	7	10	9	4 4	7	00	0	00 4. 3	9	5			12	8	7	9	5	7	3	00	
Š		, 54	Da	0	5	\ <u>\</u>	00	6	0/	36	26	20	33	7	00	35	28			30	27	28	15	10	00	10	-	
			Fam	50	83	68	87	85	75	45	43	43	47	18	51	65	56	42	\$55	53	55		16		95	93	95	
SE			D& Vdm Ldm Fam		7.0 4.55	0.9/	16.0	8.0		19.0	9.0		3.0	9.0		4.5	=			13.5	12.0	5.0 11.0 78		46 5.11 5.5	35 415 95	6 7.0 14.5 93	85 16.5 95	
NOISE			dm L	9.5 170	3.0 1.	8.5- /	* 0.8	10.0/8.0	13.0 24.0	1.51	11.0 19.0	0.00 2.01	* * 14.0 23.0	11.0 19.0	10.0 18.0	1.5/	5:1/ 5:5	7.5 14.5	6.0 12.0	7.5-1	70 1	0:	5.0 10.0	15:	5.5	1.0 /	15%	
		0) 7 a	7	* *		12	3	00	8	10		12/	14 4	7	12 7.5 14.5	00	7	-	* 1 \	9	6 3	3	7	9	e	9	
음		160	Du	5	,	7		2	6	93	16	7	9/	/3	7	15/	77	61			17	91	14	7	1	7	10	2
RA			_	_	113	ا(۲	1111	011	90/	87	88	16	16	30	93		1001	00/	toi	107	001	101	113	#//	14	7		No ki
L			De Vam Lam Fam	105 17.0 114	2 10.0 17.0 112	=	_	==	4 10.5 18.0 106		9.5	0.10	13.5 43.0	2.0		6 12.0 21.0 97			5.5 /2.5 XOH	5.0 9.0 102	==	2 7.0 125 106	2.0	411 0.0100 1	8.0 15.0 114	4 9.5 16.0 114	£15/1/2	th abo
0			dm L	150	0.0	9.5 15.0	2 10.0 17.0	10.0 16.0	0.5	11.0/8.0	4 12.0 19.5	is.	25	14.0 23.0	8 10 120 215	200%	6.5 12.0	7.5 13.5	15-1	£0:	6.5 11.0	1.0%	7.0 13.0	0.	1.0 /	15.	1,5'	in d
ES		1	ΛŽQ	4	7	7	/ ۲	4	4	7	4 10	1	DO	7	0	* 9	9	2	* 1	* 4	3 6	7	w)	7	9	7	9	noie
		.051	_	8	ري	7	4	4	7	00	00	00	0	15	08	2	9	00			1/	/3	1	7	2	3	00	tenna
\$			E C	_	34			134			134	/2/		ادد		_	/32		35	32	130	30	134	_				70 97
~			D& Vdm Ldm Fam Du	14.0 134	2 8.5 13.5 134	7.5 13.5 134	4 9.5 15S 134		5.10.0 16.5 132	000	, 5,	15.9	12.0 19.0 122	13.0 20.0 122	13.0 20.0 126	7 125 19.5 128	101	8.5 14.5 132	7.5- 14.0 135	80 40 132	14.5	7.5 145 130		5 7.5 16.5 136	9.5 15.5 138	4 10.0 15.5 136	10.0 15:0 136	ffacti
Ž			H F	* 0	5 /3	5/ /3	5 13	10.0 16.0	0.0	10.0/17.0	0.17	15	20 19	3.0 0.2	3.0 26	* 15.	10.0 17.0	5 14	5- 14	+ 0	8.0 14	5 14	8.0 145	+1/2	+ 5/	0.0	0 13	of a
¥			\ \ \ \ \	3 %0	2	2 7	4 9.	7/	1/: 5	<u>و</u> ۲	2 11.0 17.5	6 125 18.5	4	6 1.	* 2	12 ts	5 16	3	*~	400	£00€	7	4	*00	40	7	7	value
Ė		.013	חמ	5	~	γ	7	7	3	7	7	7	7 9	5 6	5	5	2	9			ز کر	12	9	ری د	12	2	0	Adian
MONTH-HOUR VALUES OF RA			Fam D		160		160	15-8 "	159	158 4	156 4	15-8 0	15-6 4		5.6 3	15-8 5	15-8	160 6	4/64	7,	162 5	160 5	1091					F = median value of effective antenna notes in db above to
MO	(TS	7) 4	noH π _o	a 1/ 00	7/ 10	05 /60	03	04 //5	05 //3	06 //3	07	80	s/ 60	10 156	11 156	12 13	13 /3	14 16	15 7	16 1/2	17 16	18 //	9/ 61	ح9/ OZ	21 16/	22 /60	23 160	u.
	123	"."		0	O	J	0	0	0	0	0	0	0											N	2	N	2	

 $f_{\rm cm}$ = median value of effective antenna noise in db above ktb $D_{\rm u}$ = ratio of upper decile to median in db $D_{\mathcal{K}}$ = ratio of median to lower decile in db $V_{\rm dm}$ = median deviation of average voltage in db below mean power L_{dm}= median deviation of average logarithm in db below mean power

ong. 17.3 E
Lat. 59.5 N Long
Station Enkoping, Sweden
NOISE
S OF RADIO
-HOUR VALUES
MONTH

Month December 19 60

		n Ldm	2.0	ننتنت	7	3.5	3.0	2.5	3.0	4.5	35	4.5		_	* 3	3.0	* 3	3.5	3.5	0.5	2.5	200	2.0	2,0	4	2.6	
		Ndm	2.0	0.5	2.0	2.0	1,5	1.0	1.5	3.0	1.5	¥%	7.0	* c	*3	* 0.	3.0	9.4	2.0	1.5	1.0	0.5	0.5	0.5	0.5	0.5	
	0	DL	4	1	0	0	٨	٦	d	4	0			7	٦	60	7	8	ヾ	α	۲	3	7	~	7	7	
	2(Du	3	۲	E	3	_	-	1	~	15			4	4	γ	٦	4	7	7	4	7	4	4	w	3	
		Fam	17	11	17	17	19	19	19	7	19	41	*	7.7	ンと	23	23	21	19	19	17	18	17	17	17	17	
		mp-	4.0	3.0	15.6	3,5	× 6.0	\$,0	0.0	0,0	¥ /3.0	13.5		8.5	6.5		14.0	45.0		4.5	8.0	8.0	** 4.0	x, 0	× 6	\$ °C	
		Vdm Ldm	2.0 4	* 	0	4.0	, 0 ,	* 2.0	\$.0	407	* 2.5	9.0		7.0	4.0.5		*0.0	*15.		7.0	6.0	57	* à	*~	3.0	1,5,	
	0	DE	3	7	4	* 0	* N	4.2	4	7	4			7	,0/	~	2	9	5	7	0/	10	5	٦,	7	1	
	1	Dω	9	- 11	٠,	7	00	11	7	6	0/			00	14	8		8	6	8/	7	24	15,	9	5	9	
		Fam	Z,		32	32	32	31 1	34	ah	38	*	34	36	38	74	47	44	47	2	44	3	35	ಸ್ಥ	کې	32	
		Ldm	4.5-	6.0	7.0	7.0 %	10.0	7.5	4.5,	5	\$5,	* 2.5	* 15.5	3.0	* 5.5	\$.0 1	را	75.	7	7.5	* 6.0	7.0	* 0.9	0	7.0 ~	0	
		Vdm L	0	3.0 6	4.0 7	4.0 7.	Ŋ	* 5.5	* 5.5	*10.	0	45 4	V	a	0	* 0.7	0 *	3		0	3.0 6	0	0	4.5 7.	* 0 %	4.5 7.	
		De Ve	* 2	7~	7 4.	42	3 6.	* 2	7 2	× 10	£ 7.	**	s\$ 4.02	45.	7 4.4	*W	**	5, \$7.9	0/	4/4	*2	8 4,	₹.2.	6	12	6 4	
	5									=	9			6	e	. 0/	8	e		7	8/	16 1	15/	00	6	e	
		u Du	50 6	00	50 8	0	20	8	2	49 7			12			151			11 9	00	1 25		50 /	50	50		
		m Fam		0 50		5 50	84 0	2 48	0 48		5 42	3/	* 2°	5 22	23	=	0 32	100	0 46	5 48		5 57	-			0 50	
		n Ldm	100	5 11.0	5 9.0	400	*00	10.5	13.0	.5. 6.5,	+00	0.60	\$ 0.50	5 5.5	5, 400	4 6 5/	* *	7.5	*10	11	7.0	5 8.5	0.60	0.8	5 9.5	5 9.0	
		Vdm	4.5	* 0	5.5	* 4	* 5.5	*°	* 6°	7 W.	6.9	+0	+w.	*~	4.5	45	40.0	+ ~	+3,	4,0	4.0	5.5	1-2	5%	5:5	*4	
	2, 5	D	4	5	7	12	2	1	00	1	1/2			4	6	4	3	-9	6	2	12	9	4	12	7	7	
(Mc)		n _O	00	7	00	00	00	7	•	9	8			4	9	7	N	7	7	9	1 7	9	5	12	0/	01	
		Fam	49	50	45	147	47	47	147	145	37	3/	33	3/	34	36	36	37	38	4	44	47	47	149	49	50	
Frequency		Ldm	6.5	9.0	6.5	3.0	4.0	4,5	0.0	4.5	2.0	2.5	3.0	3.0	4.0	4.0	2.0	3.5	4.0	5:0	5.0	0.5	6.0	6.0	8.5	6.9	
nbe		*vp/	3.5	4.0	4.0	5:/	2.5	2.5	2.0	2.5	1.0	1.0	1.0	2.0	2.0	٥.٣	1.0	1,5	2.0	2.0	3.0	3.0	4.0	97	5.0	3.5	
Fr	95	7 0	6	11	d	7	14	7	ħ	h	2			h	00	7	1	مح	00	/3	14	<i>⊘</i> ₀	6	//	8	7	
	. 49	۵	17	17	20	81	11	14	10	5	/2			14	8	9	8	7	14	13	9	18	20	15	73	61	
		Fam	73	HL	12	72	72	11	07	09	5.6	4.89	\$ 59	54	85	5-6	60	49	66	70	16	99	70	7	70	69	
		*up-	13.0	7.5	8.5	9.5	8.5	6.0	5.9	11.0	7.0		5.5	6.5	8.0	15.5	10.0	0.11	9.0	9.0	7.5	6.0	8.5	9.5	2.8	7.0	
		*up/	9.0	3.0	4.5	3.5	4.5	4.0	3.0	5.0	4.0		12.8	5.0	5:5	10.5	6.0	7.0	4.5	5.5	3.5	3.5	4.5	4.5	5%	4.0	
	0	D2 Vdm	4	00	5	/3	12	00	1/	14	7			8	9	0	00	2	8	6	7	7	9	7	e	9	
	. 160	n _Q	2	00	9	7	9	9	2	0/	00			7	3	00	7	7	4	3	1	9	0	7	1	1.	ļ
		Fam	66	103	101	103	101	101	103	97	85	*%	*9	85	68	62	87	250	16	95	67	66	97	101	101	66	444
		E	13.5			=	==	=	-5.		0.	15.			0.7	+30	11.0			* 11.0		15.		_			
		m b	8.0	9.0 14.5	10.5 16.5	Q.5 140	11.0 17.0	13.0 19.0	10.5 16.5	* * * /0:0 /2.0	6.0 9	* 2.5 %		# # 10.5 13.5	13.0 14.0	* 0.5	8.0 4	12.5 13.0	12.0 14.5	7.5-	6.5 10.0	5.1/ 0.3	7.0 10.0	7.5 12.0	1/5:	6.0 11.0	
		Dr Vdm Ldm	20		5		1 4	1 6	6	12	1	*		* ~	2 * 2	9	60	+ 1	5 /	* +	4	*_	7	3	2.11 S.8 4	4	
	.051	Dη		<u>ر</u> س	3	_	2	7	9	7	7	-			0/	00	7	7	6	1	9	+	12	10	10	15	1
		Fam D			8//	9//				7//	901	* 107	86*	86*	1 86	88					411	911					
		E	160 118	10.5 16.0 1/8	1/2	5	0	11.0 18.0 118	11.5 19.0 114	75.	0	* 0	*	* ,		5	12.0 100	11.0 10.0	13.0 104	12.0/12	11 5.01	1/2	13.0 116	411 0:41	7.5 13.0 116	9.0 15.0 118	and the state of t
		m Ldr	0 /6.	<u>ė</u>	10.0 16.5	115 18.5	17	18	5/9.	12.0 19.5	13.0 19.0	12.0 19.0	0.61	4.5 4.5	9.0 15.0	7 12.5			6 /3		10	2.01 0.8	- 13.	1/4	5 /3.	0 15.	7
		DA Vdm Ldm	0.01		_			///				1,	*/			7.57	7.5	20	0.8	8.0	7.5			2.8			1
	013	-	7		_	1		-	-	0	4			7	4	_	76		78		0	7	7	7		٦	1
	'	ā	7	3	7	7 0	2	8	7	7	~		~	7	7			'n	~	7	4	7	3	7	4	6	
		F F	152	150	02/50	150	04 /50	150	05/ 90	8 H/ 20	86 148	140	10 /43	441	441	thi	146	941	146	8/1	841	05/ 61	150	150	22 150	23 152	ı.
(TS	37) 4	noH	8	ō	8	03	04	05	90	07	8	8	9	=	12	13	4	15	16	17	8	0	20	21	22	23	

0 11 12

Fam = median value of effective antenna noise in db above ktb

 D_{u} = ratio of upper decile to median in db $D_{\mathcal{K}}$ = ratio of median to lower decile in db V_{dm} = median deviation of average voltage in db below mean power L_{dm} = median deviation of average logarithm in db below mean power

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Month January

Station Enkoping, Sweden Lat. 59.5 N Long. 17.3 E

				9	V.				10		٧.		0	14	0	0	12	0	0	0	10	10	9	S _A		
		Ldm	2.0	7	2,5,	+ 12	2.6	4.5	3	3.0	,v.	0 +	5.6	4.5	+ 7	* 5	7	3	7	~	2.5	~	Ϋ́	2.5	~	۵,5
		Мр	0.5	0.5	15.	* ~. .v.	0.0	3.5	3.0	6	2.0	470	3.0	3.0	* °	2.0	3.0	2.5	1.5	4.0	1.0	1.0	1.0	1.0	1.0	1.0
	20	D.A.	0	0	0	0	0	0		0	8		7	7		7	7	7	0	0	0	0	0	0	0	
		D _u C	0	0	0	0		0	~	7	7		7 7	7	~	7	7	7	4	~	0	0	0	0	0	
		_					7				1 61	_					_			أحد	17 6	7	17 0		7 6	0 1
		Fam	17	17	5 17	7/	17	17	17	17	0	+3	8	イ	4	~	7	61	17	17				11	17	11
		Ldm	4.0	5.0	~	4.0	3.5	3.0	10.01		*00					7.0	7.0	*,2	*. 2.	8.0		4.5,	w.	2.5	4.0	3.0
	01	Vdm	2.0	3.0	2.0	2.0	1.5	1.5	7.5		15:5					4.0	*15	40.7	* 5.	4.5		+ <u>4</u>	2.0	2.0	م. ه	2.0
		ď	~	~	~	_	٧	~	7	9	7		10	200	7	01	7	7	9	S	14	9	7	જ	3	0
		Du	4	4	9	4	9	~	0	6	7		0	15-	7	10	00	1	81	23	16	19	17	13	N	~
		Fom	31	31	3/	32	3,	31	37	39	4	#37	40	35	37	43	47	53	43	42	47	37	33	3/	32	3/
		Ldm	75.	0.	400	7.5.	5.8	2.0	20%	2.0	1,2	10	5.5	a.	5.5	15.0	6.0	5.0	7.0	10.0	8.5	7.5	9.0	8.0	7.5	2.0
		Vdm L	5:0 7	4.5 7.		* 0.2	3.5	4.0	4.5	* *	4.5 6	0:	3.05	45-6	3,5	*\0.0/	3.06	3.0	5:0 7	7.0 /	\$ 05	\$:0;	6.0 0.3	70.	5:0	0
) Y O		5 4		4. ک	ω,	77	4	* 7	* 2	* 3.	*,2	2 + 2	7 3		4.0	ر س							√. *∠	4 4.
	5		7 4	7 3	7	7	i 2	4		17	7	00		4	9	8	7 6	9	5 5	5 7	7 6	18 3	5	4		
		on E	, 27						7				_										87 8		6 7	00
		Fam	46	46	44	44	45	44	975	740	7	30	* TA	ケイ	74	76	30	30	hh	47	50	747	8 /	46	95	94
		L-dm	2.0	7.5	*00	* C.	,0°	7.0	6.0	40.6	5.5	2.5	8.5	3.0	6.0	5.0	5.0	4.5	7.5	9.5	6.5	7.5	9.5	19.0	6.0	0.9
		Ndm	5.0	5.0	45.5	*0°	·2'	4.5	3.0	*5.5	6.5	· v	¥50	7.5	4.0	35	3.0	\$-# \$\sqrt{1}\$	4.0	7.0	43.	4.0	4.0	70.	*3.	2.5
	5	70	6	01	00	0	00	4	9	9	9			9	4	د	~	3	7	~	00	8	6	10	0/	0
(Mc)	2	D'u	15	4	0	12	~	5	9	4	00			7	9	9	4	9	9	9	4	4	د	7	9	e
5		Fam	64	84	1/4	86	45	hh	46	hh	36	* w	30	32	32	34	34	36	38	0 /2	46	94	86	20 7	18	84
c		Ldm F	5.5	4.0	0.9	3.5	3.0	10.0	3.5	5.0	72	* 4	4.0	4.5	* × × ×	0	3.0	* 2.5	×.0	3.5	2.5	3.0 6	4:0	* 3.5	3.5	*\5
e		آر ع		تتتت	-3			=	-		2.5.	_	=	*3		*~	=		*~	*~	* 4		* 3			
3				0	0	0	0	0	- 1	0	0		0	. ~	٧,	0	\ A	١,	0	10	١.	١.	١,	0		ا م'ا
edu.		Vdm	*8	*~	* ° ° °	2.0	1.0	6.0	*	₹% 0.	0.7	40	3.0	* , 5/	*.	2.0	*/ /`s'/	*~	* /' 0	7.5	7.5	7.5	ボベ	*4	4.0	***
Frequency	95	Dr Vd	10	9 4.0	* 2/	7	10 1.0	6 4.0	7 1.5	4 3.0	0/ ~	* 0	8 3.0	5/	9 7.5	01	8 /5	80	6 7.0	9 7.5	8	8 4,5	=	7/	00	12 5.5
Frequ	. 495	Du De	17 10	_	16 15 3		*~		10 7	_		*0		* ~	=	==	8 91	*	*~		16 8	16 8 4.		7102		
Frequ	. 495	Du De	17 10	6	* 2/	7	10 4	9	7	7	~	** \$0 **	00	5/	6	01	8	80	6 *	9	8	8 4.	=	7/	00	7
Frequ	. 495	Fam Du De	0 17 10	6 17 16	75 16 15 3	15 12	1 01 61 89	9 81 99	62 10 7	4 9 07	5-8 8 2	\$ 59	0 7 8	1 5 61 8-8	6 8 09	62 5 10	8 91 09	8 81 57	18 6 4	6 16 9	8 71 89	0 68 16 8 4	11 11 11	72 20 12	72 18 8	19 12
Frequ	. 495	Fam Du De	6.0 Ty 17 10	9 12 11 00	9.5 75 16 15 3.	8.0 71 15 12	8.0 68 19 10 4.	6.5 66 18 6	9.0 62 10 7	10.0 60 6 4	7.0 5-8 8 2	0 11.5 \$9	7.5 60 7 8	1 5 61 8-8 0.01 0.	6 8 09 5.010	9.5 62 5 10	8 01 60 16 8	18 81 47 22	8.5 64 18 6 1.	4.0 66 16 9	5.5 68 16 8	9.0 68 16 8 4	11 11 11 0.6	10.0 72 20 12	12.5 72 18 8	19 12
Frequ	. 49	e Vam Lam Fam Du De	0 17 10	6 17 16	4.0 9.5 75 16 15 3.	71 15 12	1 01 61 89	9 81 99	62 10 7	4 00 00 001 0:5	5-8 8 2	11.5 \$9	8 6 0 0	10.0 58 12 5- 1	7.0 10.5 60 8 9	5.0 9.5 62 5/10	5.0 9.0 60 16 8	8 81 57	1 64 18 6 7	6 16 9	8 71 89	0 68 16 8 4	11 11 11	5.5 10.0 72 20 12	72 18 8	76 19 12
Frequ	. 160	u Dr Vam Lam Fam Du De	2.5 6.0 74 17 10	9 7.0 12.0 71 21 9	9.5 75 16 15 3.	4.5 8.0 71 15 12	4.5 8.0 68 19 10 4.	3.0 6.5 66 18 6	35 9.0 62 10 7	10.0 60 6 4	25 7.0 5-8 8 2	0 11.5 \$9	4.0 7.5 60 7 8	6.0 10.0 5-8 12 5- 1	6 8 09 5.010	9.5 62 5 10	8 01 60 16 8	45-75 64 18 8 1	5.5 8.5 64 18 6 1.	2.5 4.0 66 16 9	2.5 5.5 68 16 8	6.0 9.0 68 16 8 4	11 11 11 0.6	10 5.5 10.0 72 20 12	6.5 12.5 72 18 8	19 12
Frequ	. 49	Du De Vam Lam Fam Du De	6 8 2.5 6.0 Ty 17 10	6 8 7.0 12.0 71 21 9	8 12 4.0 9.5 75 16 15 #	6 4 4.5 8.0 71 15 12	6 11 45 8.0 68 19 10 #	7 8 3.0 6.5 66 18 6	4 7 35 9.0 62 10 7	8 10 5:0 10:0 60 6 4	6 4 25 7.0 5-8 8 2	7.0 11,5 4	16 10 4.0 7.5 60 7 8	16 9 6.0 10.0 5-8 12 5 1	13 13 7.0 10.5 60 8 9	11 16 5.0 9.5 62 5 10	8 12 5.0 9.0 60 16 8	6 8 45- 75 64 18 8 1	6 4 6.5 8.5 64 18 6 1.	6 8 2.5 4.0 66 16 9	4 6 2.5 5.5 68 16 8	6 3 6.0 9.0 68 16 8 4.	11 71 17 0.6 0.4 6 3	5 10 5.5 10.0 72 20 12	6 8 6.5 12.5 72 18 8	6 10 76 19 12
Frequ	. 49	Du De Vam Lam Fam Du De	100 6 8 25 6.0 74 17 10	105 6 8 7.0 12.0 71 21 9	103 8 12 4.0 9.5 75 16 15 3	103 6 4 45 80 71 15 12	103 6 11 4.5 8.0 68 19 10 7.	106 7 8 3.0 6.5 66 18 6	107 4 7 35 9.0 62 10 7	4 9 07 000 000 01 8 69	85 6 4 25 7.0 58 8 2	*87 7.0 11.5 \$9	85 16 10 4.0 7.5 60 7 8	85 16 9 6.0 10.0 58 12 5	86 13 13 7.0 10.5 60 8 9	90 11 16 5.0 9.5 62 5 10	91 8 12 5.0 9.0 60 16 8	8 81 6 8 45- 75 64 18 8 4	89 6 4 5.5 8.5 64 18 6 7.	95 6 8 25 4.0 66 16 9	99 4 6 2.5 5.5 68 16 8	99 6 3 6.0 9.0 68 16 8 4.	11 71 17 0.9 6.4 6 001	E105 5100 72 20 12	101 6 8 65 125 72 18 8	101 6 10 76 19 12
Frequ	. 49	Du De Vam Lam Fam Du De	10.5 100 6 8 2.5 6.0 74 17 10	10.5 105 6 8 7.0 12.0 71 21 9	103 8 12 4.0 9.5 75 16 15 3	10.5 103 6 4 4.5 8.0 71 15 12	13.0 103 6 11 4.5 8.0 68 19 10 7.	106 7 8 3.0 6.5 66 18 6	13.0 107 4 7 3.5 9.0 62 10 7	4.5 97 8 10 5.0 10.0 60 6 4	7.0 85 6 4 25 7.0 5-8 8 2	12.0 487 7.0 11.5 49	15.5 85 16 10 4.0 7.5 60 7 8	7.6 85 16 9 6.0 10.0 5-8 12 5 1	11.0 86 13 13 7.0 10.5 60 8 9	12.0 90 11 16 5.0 9.5 62 5 10	9.0 91 8 12 5.0 9.0 60 16 8	10.0 87 6 8 4.5 7.5 64 18 8 4	85 89 6 4 55 85 64 18 6 7.	70.0 95 6 8 2.5 4.0 66 16 9	99 4 6 2.5 5.5 68 16 8	8.0 99 6 3 6.0 9.0 68 16 8 4.	11 71 17 0.9 6.4 6 001	E105 5100 72 20 12	101 6 8 65 125 72 18 8	101 6 10 76 19 12
Frequ	. 49	Du De Vam Lam Fam Du De	8.0 10.5 100 6 8 2.5 6.0 74 17 10	6.5 105 105 6 8 7.0 12.0 71 21 9	6.5 10.0 103 8 12 4.0 9.5 75 16 15 3	7.0 10.5 103 6 4 4.5 8.0 71 15 12	7.0 13.0 103 6 11 4.5 8.0 68 19 10 7	10.0 17.5 106 7 5 3.0 6.5 66 18 6	80 130 107 4 7 35 9.0 62 10 7	70 9.5 97 8 10 5.0 10.0 60 6 4	5.5 7.0 85 6 4 25 7.0 5-8 8 2	10.0 12.0 187 7.0 11.5 49	14.0 15.5 85 16 10 4.0 7.5 60 7 8	4,0 7.5 85 16 9 6.0 10.0 58 12 5 1	7.5 11.0 86 13 13 7.0 10.5 60 8 9	7.0 12.0 90 11 16 5.0 9.5 62 5 10	6.0 9.0 91 8 12 5.0 9.0 60 16 8	# 5.5 to 87 6 8 4.5 75 64 18 8 1	\$ 6.0 \$15 89 6 4 5.5 815 64 18 6 1.	16.0 \$1.00 95 6 8 2.5 4.0 66 16 9	5.0 8.5 99 4 6 2.5 5.5 68 16 8	4.5 8.0 99 6 3 6.0 9.0 68 16 8 4	5.5 8.5 100 6 7 40 9.0 71 17 11	40 20 101 5 10 5.5 100 72 20 12	5.0 8.5 101 6 8 6.5 12.5 72 18 8	5.5 8.0 101 6 10 76 19 12
Frequ	. 49	Dr Vdm Ldm Fam Du Dr Vdm Ldm Fam Du Dr	4 8.0 10.5 100 6 8 2.5 6.0 74 17 10	9 15 105 105 6 8 7.0 12.0 71 21 9	4 6.5 10.0 103 8 12 4.0 9.5 75 16 15 3	2 7.0 10.5 103 6 4 4.5 8.0 71 15 12	4 7.0 13.0 103 6 11 4.5 8.0 68 19 10 7	2 10.0 17.5 106 7 5 3.0 6.5 66 18 6	7 80 13.0 107 4 7 3.5 9.0 62 10 7	4 70 9.5 97 8 10 5:0 10.0 60 6 4	5- 5.5 7.0 85 6 4 25 7.0 5.8 8 2	12.0 487 7.0 11.5 49	8 14.0 15.5 85 16 10 4.0 7.5 60 7 8	5- 40 7.6 85 16 9 6.0 10.0 58 12 5-	11.0 86 13 13 7.0 10.5 60 8 9	12.0 90 11 16 5.0 9.5 62 5 10	9.0 91 8 12 5.0 9.0 60 16 8	8 4.5 70.0 87 6 8 4.5 75 64 18 8 1	6 6.0 85 89 6 4 5.5 8.5 64 18 6 1.	5 4.0 40.0 95 6 8 2.5 4.0 66 16 9	4 5.0 85 99 4 6 2.5 5.5 68 16 8	2 4.5 8.0 99 6 3 6.0 9.0 68 16 8 7.	4 5.5 8.5 100 6 7 40 9.0 71 17 11	5 40 20 101 5 10 55 10.0 72 20 12	101 6 8 65 125 72 18 8	4 5.5 8.0 101 6 10 76 19 12
Frequ	160	Du Dr Vdm Ldm Fam Du Dr Vdm Ldm Fam Du Dr	4 4 80 105 100 6 8 25 6.0 74 17 10	5 4 6.5 105 105 6 8 7.0 12.0 71 21 9	4 4 6.5 10.0 103 8 12 4.0 9.5 75 16 15 3	4 2 7.0 105 103 6 4 45 8.0 71 15 12	4 4 7.0 13.0 103 6 11 4.5 8.0 68 19 10 7	7 3 10.0 17.5 1.06 7 5 3.0 6.5 66 18 6	5 4 80 13.0 107 4 7 35 9.0 62 10 7	F 6 70 9.5 97 8 10 5.0 10.0 60 6 4	5 5 5 5.5 7.0 85 6 4 2.5 7.0 58 8 2	8 6 70.0 12.0 187 7.0 11.5 39	10 8 14.0 15.5 85- 16 10 4.0 7.5 60 7 8	10 5 40 40 85 16 9 6.0 10.0 58 12 5 1.	8 10 7.5 11.0 86 13 13 7.0 10.5 60 8 9	8 7 7.0 12.0 90 11 16 5.0 9.5 62 5 10	9 5 6.0 9.0 91 8 12 5.0 9.0 60 16 8	6 8 4.5 10.0 87 6 8 4.5 7.5 64 18 8 1	10 6 6.0 8.5 89 6 4 5.5 8.5 64 18 6 1.	7 5 4.0 40.0 95 6 8 2.5 4.0 66 16 9	5 4 5.0 8.5 99 4 6 2.5 5.5 68 16 8	8 2 4.5 8.0 99 6 3 6.0 9.0 68 16 8 7.	5 4 5.5 6.5 100 6 7 40 9.0 71 17 11	5- 5- 40 20 101 5 10 5.5 100 12 20 12	4 6 5.0 8.5 101 6 8 6.5 12.5 72 18 8	4 4 5.5 8.0 101 6 10 76 19 12
Frequ	160	Fam Du De Vam Lam Fam Du De Vam Lam Fam Du De	115 4 4 8.0 105 100 6 8 25 6.0 74 17 10	9 15 15 10.5 105 6 8 7.0 12.0 71 21 9	115 4 4 6.5 100 103 8 12 4.0 9.5 75 16 15 3	4 2 7.0 105 103 6 4 45 8.0 71 15 12	4 4 7.0 13.0 103 6 11 4.5 8.0 68 19 10 7	7 3 10.0 17.5 1.06 7 5 3.0 6.5 66 18 6	111 5 4 40 130 107 4 7 35 9.0 62 10 7	4 6 00 000 0.50 01 8 10 8.00 00 0 5 800	103 5 5 55 70 85 6 4 25 7.0 5-8 8 2	101 8 6 70.0 12.0 187 7.0 11.5 49	8 14.0 15.5 85 16 10 4.0 7.5 60 7 8	9910 5- 4.0 7.6 85 16 9 6.0 10.0 5-8 12 5-	100 8 10 7.5 11.0 86 13 13 7.0 10.5 60 8 9	99 8 7 7.0 12.0 90 11 16 5.0 9.5 62 5 10	98 9 5 6.0 9.0 91 8 12 5.0 9.0 60 16 8	6 8 4.5 10.0 87 6 8 4.5 7.5 64 18 8 1	103 10 6 6.0 8.5 89 6 4 5.5 8.5 64 18 6 1	108 7 5 16.0 10.0 95 6 8 25 4.0 66 16 9	111 5 4 5.0 8.5 99 4 6 2.5 5.5 68 16 8	2 4.5 8.0 99 6 3 6.0 9.0 68 16 8 7.	113 5 4 5.5 6.5 100 6 7 40 9.0 71 17 11	113 5- 5 40 70 101 5 10 5.5 10.0 12 20 12	8 81 5 6 5.0 8.5 101 6 8 6.5 12.5 72 18 8	4 4 5.5 8.0 101 6 10 76 19 12
Frequ	160	Fam Du De Vam Lam Fam Du De Vam Lam Fam Du De	15.0 115 4 4 80 105 100 6 8 25 6.0 14 17 10	9 15 15 05 05 6 8 7.0 12.0 9 1 2 105 9	115 4 4 6.5 100 103 8 12 4.0 9.5 75 16 15 3	4 2 7.0 105 103 6 4 45 8.0 71 15 12	4 4 7.0 13.0 103 6 11 4.5 8.0 68 19 10 7	7 3 10.0 17.5 1.06 7 5 3.0 6.5 66 18 6	111 5 4 40 130 107 4 7 35 9.0 62 10 7	4 6 00 000 0.50 01 8 10 8.00 00 0 5 800	103 5 5 55 70 85 6 4 25 7.0 5-8 8 2	101 8 6 70.0 12.0 187 7.0 11.5 49	97 10 8 40 155 85 16 10 4.0 7.5 60 7 8	9910 5- 4.0 7.6 85 16 9 6.0 10.0 5-8 12 5-	100 8 10 7.5 11.0 86 13 13 7.0 10.5 60 8 9	8 7 7.0 12.0 90 11 16 5.0 9.5 62 5 10	150 98 9 5 6.0 9.0 91 8 12 5.0 9.0 60 16 8	6 8 4.5 10.0 87 6 8 4.5 7.5 64 18 8 1	103 10 6 6.0 8.5 89 6 4 5.5 8.5 64 18 6 1	108 7 5 16.0 10.0 95 6 8 25 4.0 66 16 9	111 5 4 5.0 8.5 99 4 6 2.5 5.5 68 16 8	11 8 2 4.5 8.0 99 6 3 6.0 9.0 68 16 8 4.	113 5 4 5.5 6.5 100 6 7 40 9.0 71 17 11	113 5- 5 40 70 101 5 10 5.5 10.0 12 20 12	11.5 11.5 4 6 5.0 8.5 1/01 6 8 6.5 125 72 18 8	4 4 5.5 8.0 101 6 10 76 19 12
Frequ	160	Fam Du De Vam Lam Fam Du De Vam Lam Fam Du De	15.0 115 4 4 80 105 100 6 8 25 6.0 14 17 10	9 15 15 05 05 6 8 7.0 12.0 9	115 4 4 6.5 100 103 8 12 4.0 9.5 75 16 15 3	4 2 7.0 105 103 6 4 45 8.0 71 15 12	4 7.0 13.0 103 6 11 4.5 8.0 68 19 10 7	7 3 10.0 17.5 1.06 7 5 3.0 6.5 66 18 6	111 5 4 40 130 107 4 7 35 9.0 62 10 7	4 6 00 000 0.50 01 8 10 8.00 00 0 5 800	103 5 5 55 70 85 6 4 25 7.0 5-8 8 2	101 8 6 70.0 12.0 187 7.0 11.5 49	10 8 14.0 15.5 85- 16 10 4.0 7.5 60 7 8	10 5 40 40 85 16 9 6.0 10.0 58 12 5 1.	100 8 10 7.5 11.0 86 13 13 7.0 10.5 60 8 9	170 99 8 7 7.0 12.0 90 11 16 5.0 9.5 62 5 10	150 98 9 5 6.0 9.0 91 8 12 5.0 9.0 60 16 8	8 4.5 70.0 87 6 8 4.5 75 64 18 8 1	103 10 6 6.0 8.5 89 6 4 5.5 8.5 64 18 6 1	12.0 108 7 5 4.0 10.0 95 6 8 2.5 4.0 66 16 9	11.0 111 5 4 5.0 8.5 99 4 6 2.5 5.5 68 16 8	11.5 11.1 8 2 4.5 8.0 99 6 3 6.0 9.0 68 16 8 4.	113 5 4 5.5 6.5 100 6 7 40 9.0 71 17 11	113 5- 5 40 70 101 5 10 5.5 10.0 12 20 12	11.5 11.5 4 6 5.0 8.5 1/01 6 8 6.5 125 72 18 8	4 4 5.5 8.0 101 6 10 76 19 12
Frequ	160	Du Dz Vdm Ldm Fam Du Dz Vdm Ldm Fam Du Dz	115 4 4 8.0 105 100 6 8 25 6.0 74 17 10	9 15 15 10.5 105 6 8 7.0 12.0 71 21 9	4 4 6.5 10.0 103 8 12 4.0 9.5 75 16 15 3	2 7.0 10.5 103 6 4 4.5 8.0 71 15 12	4 4 7.0 13.0 103 6 11 4.5 8.0 68 19 10 7	2 10.0 17.5 106 7 5 3.0 6.5 66 18 6	5 4 80 13.0 107 4 7 35 9.0 62 10 7	F 6 70 9.5 97 8 10 5.0 10.0 60 6 4	103 5 5 35 70 85 6 4 25 7.0 5-8 8 2	14.0 21.0 101 8 6 10.0 12.0 187 7.0 11.5 7.9	97 10 8 40 155 85 16 10 4.0 7.5 60 7 8	9910 5- 4.0 7.6 85 16 9 6.0 10.0 5-8 12 5-	8 10 7.5 11.0 86 13 13 7.0 10.5 60 8 9	99 8 7 7.0 12.0 90 11 16 5.0 9.5 62 5 10	98 9 5 6.0 9.0 91 8 12 5.0 9.0 60 16 8	6 8 4.5 10.0 87 6 8 4.5 7.5 64 18 8 1	10 6 6.0 8.5 89 6 4 5.5 8.5 64 18 6 1.	108 7 5 16.0 10.0 95 6 8 25 4.0 66 16 9	111 5 4 5.0 8.5 99 4 6 2.5 5.5 68 16 8	11 8 2 4.5 8.0 99 6 3 6.0 9.0 68 16 8 4.	5 4 5.5 6.5 100 6 7 40 9.0 71 17 11	5- 5- 40 20 101 5 10 5.5 100 12 20 12	8 81 5 6 5.0 8.5 101 6 8 6.5 12.5 72 18 8	4 5.5 8.0 101 6 10 76 19 12
Frequ	160	D. Vam Lam Fam Du D. Vam Lam Fam Du D. Vam Lam Fam Du D.	2 9.0 15.0 115 4 4 8.0 105 100 6 8 25 6.0 74 17 10	90 14.0 115 5 4 6.5 10.5 105 6 8 7.0 12.0 71 21 9	10.517.0 115 4 4 6.5 10.0 103 8 12 4.0 9.5 75 16 15 3	11.0 18.0 113 4 2 7.0 10.5 103 6 4 4.5 8.0 71 15 12	11.0 17.0 113 4 4 7.0 13.0 103 6 11 45 8.0 68 19 10 7	11,018,0 11,1 7 3 10,0 17,5 1,06 7 5 3.0 6.5 66 18 6	11,0 18.5 111 5 4 40 13.0 107 4 7 3.5 9.0 62 10 7	4 00 000 000 000 8 69 8 90 60 00 00 00 00 00 00 00 00 00 00 00 00	6 110 180 103 5 5 35 7.0 85 6 4 2.5 7.0 5-8 8 2	14.0 21.0 101 8 6 10.0 12.0 187 7.0 11.5 7.9	97 10 8 40 155 85 16 10 4.0 7.5 60 7 8	1,25 190 99 10 5 4.0 7.6 85 16 9 6.0 10.0 58 12 5	100 170 100 8 10 7.5 11.0 86 13 13 7.0 10.5 60 8 9	11.0 17.0 99 8 7 7.0 12.0 90 11 16 5.0 9.5 62 5 10	2 8.5 150 98 9 5 6.0 9.0 91 8 12 5.0 9.0 60 16 8	2 8.0 13.0 101 6 8 4.5 70.0 87 6 8 45- 75 64 18 8 1	8.0130 103 10 6 6.0 8.5 89 6 4 5.5 8.5 64 18 6 1	70 120 108 7 5 4.0 \$00 95 6 8 25 4.0 66 16 9	3 65 11.0 111 5 4 5.0 8.5 99 4 6 2.5 5.5 68 16 8	75 115 111 8 2 45 80 99 6 3 60 9.0 68 16 8 4.	6.0 10.5 113 5 4 5.5 165 100 6 7 40 9.0 71 17 11	2,5/20 1/3 5- 5- 40 3,0 1/0/ 5 10 5.5 10.0 12 20 12	7.0 115 115 4 6 5.0 8.5 1/01 6 8 6.5 12.5 72 18 8	8.5 14.0 115 4 4 5.5 8.0 101 6 10 76 19 12
Frequ	13 . 051 . 160 . 49	Du Dz Vam Lam Fam Du Dz Vam Lam Fam Du Dz Vam Lam Fam Du Dz	2 2 9.0 150 115 4 4 8.0 105 6 8 25 6.0 74 17 10	9 15 15 15 0.5 105 105 6 8 7.0 12.0 9 7.0 12.0 9	2 4 10.5/70 115 4 4 6.5 10.0 103 8 12 4.0 9.5 75 16 15 3	2 3 11.0 18.0 113 4 2 7.0 105 103 6 4 45 8.0 71 15 12	2 3 11.0 17.0 11.3 4 4 7.0 13.0 103 6 11 4.5 8.0 68 19 10 7.	2 5 11.0 18.0 11.1 7 2 100 17.5 106 7 8 3.0 6.5 66 18 6	2 4 110/85 111 5 4 \$ 13.0 107 4 7 35 9.0 62 10 7	4 6 120 190 109 5 6 70 9.5 97 8 10 5.0 10.0 60 6 4	2 6 110 180 103 5 5 \$5 7.0 85 6 4 2.5 7.0 58 8 2	8 3 40 210 101 8 6 100 12.0 187 7.0 11.5 59	8 7 0 6 1 50 0 1 11 8 14:0 15:5 85 16 10 4:0 75 6 0 7 8	3 3 /25 190 99 10 5 7,0 85 16 9 6.0 10.0 58 12 5 1	3 4 10.0 17.0 100 8 10 7.5 11.0 86 13 13 7.0 10.5 60 8 9	4 3 11.0 17.0 99 8 7 7.0 12.0 90 11 16 5.0 9.5 62 5 10	4 2 8.5 150 98 9 5 6.0 9.0 91 8 12 5.0 9.0 60 16 8	2 2 80 130 101 6 8 45 700 87 6 8 45 75 64 18 8 1	2 2 8.0/30/03/0 6 4.0 8.5 89 6 4 5.5 8.5 64 18 6 1	2 4 70 120 108 7 5 40 400 95 6 8 25 40 66 16 9	2 3 65 110 111 5 4 5.0 8.5 99 4 6 2.5 5.5 68 16 8	2 2 75 115 111 8 2 4.5 8.0 99 6 3 6.0 9.0 68 16 8 4.	3 2 6.0 10.5 113 5 4 5.5 8.5 100 6 7 40 9.0 71 17 11	4 2 25 120 113 5- 5- 40 30 101 5 10 55 100 72 20 12	2 2 70 115 115 4 6 50 8.5 101 6 8 6.5 125 72 18 8	2 2 8.5 14.0 115 4 4 5.5 8.0 101 6 10 76 19 12
	13 . 051 . 160 . 49	Fam Du Dr Vam Lam Fam Du Dr Vam Lam Du Dr Vam Lam Fam Du Dr Vam Lam Fam Du Dr	2 9.0 15.0 115 4 4 8.0 105 100 6 8 25 6.0 74 17 10	9 15 15 05 05 0 8 0 -col 201 501 4 2 211 0.41 0.4 4	4 10.5/70 115 4 4 6.5 10.0 103 8 12 4.0 9.5 75 16 15 3	3 11.0 180 113 4 2 7.0 10.5 103 6 4 45 8.0 71 15 12	3 11.0 17.0 11.3 4 4 7.0 13.0 103 6 11 4.5 8.0 68 19 10 7.	5 11.0 18.0 111 7 2 10.0 175 06 7 8 3.0 6.5 66 18 6	4 11,0 18.5 11, 5 4 80 13.0 107 4 7 3.5 9.0 62 10 7	4 00 000 000 000 8 79 8 10 5.0 00 60 60 4	6 110 180 103 5 5 35 7.0 85 6 4 2.5 7.0 5-8 8 2	3 40 21,0 101 8 6 70.0 12.0 187 7.0 11.5 49	97 10 8 40 155 85 16 10 4.0 7.5 60 7 8	3 125 190 99 10 5 40 40 85 16 9 6.0 10.0 58 12 5 1	4 100 170 100 8 10 75 110 86 13 13 7.0 10.5 60 8 9	3 11.0 17.0 99 8 7 7.0 42.0 90 11 16 5.0 9.5 62 5 10	2 8.5 150 98 9 5 6.0 9.0 91 8 12 5.0 9.0 60 16 8	2 8.0 13.0 101 6 8 4.5 70.0 87 6 8 45- 75 64 18 8 1	2 8.0 130 103 10 6 6.0 8.5 89 6 4 5.5 8.5 64 18 6 1.	4 70 12.0 108 7 5 16.0 10.0 95 6 8 2.5 4.0 66 16 9	3 65 11.0 111 5 4 5.0 8.5 99 4 6 2.5 5.5 68 16 8	2 75 115 111 8 2 4.5 80 99 6 3 60 9.0 68 16 8 4.	2 6.0 105 113 5 4 5.5 1.5 100 6 7 40 9.0 71 17 11	2 7.5 12.0 113 5 5 40 7.0 101 5 10 5.5 10.0 72 20 12	2 70 115 115 4 6 50 8.5 101 6 8 6.5 125 72 18 8	2 8.5 14.0 115 4 4 5.5 8.0 101 6 10 76 19 12

 $r_{\rm cm}$ = median value or effective antenna noise in do above ktb $L_{\rm u}$ = ratio of upper declife to median in db $L_{\rm g}$ = ratio of median to lower declie in db $V_{\rm dm}$ = median deviation of average voltage in db below mean power $L_{\rm dm}$ = median deviation of average logarithm in db below mean power

weden Lat. 59.5 N Long. 17.3 E
Station Enkoping, Sweden
RADIO NOISE
F
JR VALUES (
MONTH-HOU

Month February

		Ldm	2.5	2.5	2.5	2.0	2.0	2.0	2.5	3.0	40	3.5	\$.0	4.5.	6.5	3.5	3.0	5.0	3.5	5.0	3.5	4.5	35	4.5	3.5	3.0	
		Vdm	1,5	1.0	1.0	0.5	0.5	1.0	0 ./	1.5	**	シャ	3,5	+ 4	4.5	7.5	1,5/	3.5	40	3.5	2.0	3.0	2.0	3.0	2.0	1.57	
	0	70	7	~	べ	0	0	7	ィ	イ	7		7			4	4	~	0	γ	٦,	0	0	0	٦	~	
	2	Du	0	0	0	0	0	0	0	ィ	4		7			0	ィ	4	h	~	0	~	マ	ત	0	0	
		Fam	61	19	19	19	19	19	61	7	17	*1	7	+3	47	23	9/	91	19	61	19	17	17	17	61	18	
		Ldm	4.0	3.5	5.5	4.5	4.0	× × ×	7.5/		14.5	4,5		* /.#	7.0		18.5	5.0		3.0	6.5	9.5	6.0	5.0	4.0	4.0	
		Vdm	2.0	2.0	4.0	2.5	15.4	₹ ~	11.0		10.5	* ~ ~		+00	755		*//.5	2.0		4,0	3.5	, × , o	4.0	3.0	0.	15.	
	0	DE	マ	7	8	7	7	5	12		9		ィ	7	٥	3	/3	//	7	7			9	~	7	2	
	_	Du	7	4	10	9	7	4	3		00		2	20	10	9	7	9	7	6			7	7	7	7	
		Fam	32	32	3	న	32	36	38	39	38	37	36	38	36	38	84	84	74	43	40	43	38	34	34	34	
		Vdm Ldm	6.5	40.6	400	*0°	*00	10.0	* %	4.0	5.5	* ° °		6.0	2.0	6.0	6.0	7.0	\$. \$.	5.5	\$00	3.5	7.5	52	7.0	75.5	
			15.	6.0	45	*13	5.0	6.0	\$.0	6.5	30	‡,0		4.0	2,3	3.5	40%	\$.0	* 72	+4	6.0	51/	4.5	4.0	4.5	*%	
	5	7 ₀	اری	9	γ	و	00	2	7	7	6			m	_	7	4	e	7	h	4	e	7	9	5	7	
		Da	9	6	9	12	9	12	2	و	7			ص	8	٠	8	10	7	7	4	2	9	7	4	2	
		Fam	48	18	34	18	18	47	50	47	141	*08	*7	24	7	26	76	34	3	35333	পু	3	5.0				
		Ldm	100	9.0	7,5	*0°	10.0	6.0		6.0	* 5.	6.0	**0	5.5	75,	4.5.5	x,5,	3,50	5.0	10.0	9.5	6.0	95	\$ 0.0	9.0	6.5	
		Vdm	7,5,5	6.0	* 1,2	¥°0	6.0	6.0		4.0	2.0	4.0	t3:	25.	4,5	*×;	70%	* 2	3.5	\$55	7.0	*5	\$5.5	20,5	6.0	*, v.	
	2, 5		•	5	7	72	7	9	7	7	7			3	マ	7	00	00	12	3	9	•	イ	6	7	~	
(Mc)		Da	3	9	1	7	72	7	2	12	13			4	00	1	9	4	1,0		7	9	1	7	7	10	
		Fam	S	53	15	15	51	51	49	45	33	*£	*0	3	3	3	35	35	36	17	47	49	4	53	5,2	5	
Frequency		Ldm	6.0	7.0	7.0	7.0	5.5	6.0	6.0	4,5	5.0	9.0	7.0	7.0	5.0	4.5	3.5	4.5	5:5	6.0	6.5	2.	6.0	5:5	5,0	6.0	
edn		Vdm.	3.0	45	40	4.0	3.0	35	12,5	2.5	3.0	0, 9	4.0	3.0	20	2.0	1.5	7.5	3.5	4.0	4.0	0.5	4.0	3.5	15.	3.0	
Ē	495	70	9	2	6	9	8	10	6	9	9		~	7	7	~	7	م	1-2	=	7	2	4	7	4	12	
	,	۵	38	38	74	14	12	9	~	4	00		0	7	14	00	1	6	5	2	7	8/9	20	7	27	24	
		Fam	100	64	77	77	62	77	07	9	125	40%	1.5	5.5	S	5.5	54	57	64	66	87	1	99	99	99	99	
		Vdm Ldm		15.0	11.0		8.5	6.5	9.0	6.0	9.5'			15.8	7.0		10.5		8.0	10.0	- 11.0	0.6	- 11.0		0.0/		
				8,5	5.0		4.0	3.5	45	2.0	5,5			2.4	25		5.0		3,5	55	6.5	0.70	بي		5.0		
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		Dr Vdm Ldm	- 12.0	72.5	13.0	14.0	8.0 14.0	4.0 14.5	17.6	13.0 /75	1.5 16.5	28/ 5th	* 2.0	240	12.0 16.0	14.0	11.0 16.0	9.0 11.5	12.0 17.0	70.5	70,5	12.5	12.0	12.5	7.0 13.0	/3.5	db a
		Vdn	7.5	7.5	*00	*0.	*0°					13.	74.5			10.5				_	6.0	ر ف د		7.0		7.5	ionio
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		3	7	7	1	1	10	3	72	12	2		_	7	1	00	0	00	7 /5	6	00	7	7	3 6	3	7	anto
		Fam	10.0 15.5 112	115	41 5:51 0%	* 10.0 1/6.0 114	5//	10.5 17.0 115	//2	601 0	201	* 6	10/	86 0	: 95	46 6	28-	99	55	105	801	7//	7//2	8.0 13.0 113	8.5 14.5 113	114	anthon
		DA Vdm Ldm	5.5	0:21 5:01	15.5	× 6.	10.0 16.5	17.	10.5 17.0	18.0	12.0 19.0	12.0 19.0	10.0 /6.0	10.0/6.0	10.0 15.5	140	0.41 56	8.0 13.0	7.5 12.5	130	7.5 13.0	/30	14.0	13.0	14.5	9.0 15.0	مو موو
		wp/			1	- 7	1		1	11.5		100	*			20.6			1			*0°	* 0.			9.0	o o o
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(T	5 1) 1	INOH	8	ō	8	03	04	05	90	07	80	60	0	=	12	13	4	15	16	17	18	61	20	21	22	23	

 $F_{\mbox{am}} = \mbox{median}$ value of effective antenna noise in db above ktb

 D_{u} = ratio of upper decile to median in db D_{g} = ratio of median to lower decile in db V_{dm} = median deviation of average voltage in db below mean power L_{dm} = median deviation of average logarithm in db below mean power

		Fam Du																								
		De Vom Lam																								
		na																			•					
		Fam																								
		Vdm Ldm																								
		D, Jd	γ	٩		_		~		_	7	~	~	~	~	~	7	7	~	3	-		e	٦,	7	8
	20	n _Q	-		7	マ	~	-	_	~	7	~	~	_	~	~	~		3	7	7	べ	1			
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		Vdm Ldm																								
	10	₽ _Q	3	~	~	3	7	۲	~	3	4	5	n	4	9	7	4	4	4	3	7	~	ィ	m	~	3
(Mc)		Du	8	7	6	*	ኆ	~	7	7	7	3	7	\sim	~	4	6	5	7	7	12	~	3	W	4	3
		Fam	39	39	39	39	39	39	39	1/	38	36	34	34	36	36	37	39	45	47	47	47	42	40	39	39
enc		Ldm																								
Frequency		De Vam																								
II.	2		7	7	0	8 5	12	6 7	6 9	7 7	9	5 8	7 3	3 3	7	7	3	9	00	3	7	9			7	2
		m D _u	9	57 9	5-8 6	5.6	55 9	56 (5.6			33	30	, 6°	76	76 4	27 6	1 7	43 8	50 9	5.5- 7	9 85	3-6,	* 5-9	60 4	H 8-5
		m F _c	2.3	٦,	-2	3	3	.2	5	54	1/1	3	~	4	7	→	~	~	7	.2	.2	5	*'7	* \(\)	9	3
		Vdm Ldm Fam																	_							
	5	N Za	σ	7	3	(2)	7	5	9	3	5	4	7	7	3	4	7	. 2	5	9	7	7	رح	2	7	10
	2.	ρη	1	13	0/	01	6	6	10	7	7	7	3	76	7	3	7	1,5	7	00	01	7	4	11	-	20
		Fam	5-6	52	50	8-8	85	57	5.6	50	34	3,	3/	3/	32	33	33	33	37	46	50	53	3.5.	5.5	3.6	57
		De Vem Lem																								
	500		3	7	7	9	7	7	∞	て	~	۲	٣	જ	ω	3	~	~	~	~	9	8	11	11	/2	6
	. 50	Du.	0/	11	11 /	0/	"	"	13	- 7	7	5	3	m	4	5	る	-3	9 -	6 -	1.7	10	00	7	0/	10
		Fam	75	16	17	75	69	67	64	25	54	54	15	54	15.5	5.5	55	5.5	55	22	5.7	63	70	74	75	75
		Vdm Ldm																								
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	135	γ _Q π	12	1	7	, ,	2 (1 6	9 6	4	7	6 3	5 3	7	1	7	3	7	7	3	4	8 6	7 8	5	9	7
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		1.0	0	10	10	001	2	0	a	0	00	20	01	90	00	8	0	00	9	2	01	0	9	2	0	23 9

 $F_{\rm om}$ = median value of effective antenna noise in db above ktb $D_{\rm u}$ = ratio of upper decile to median in db $D_{\mathcal K}$ = ratio of median to lower decile in db $V_{\rm dm}$ = median deviation of average voltage in db below mean power $L_{\rm dm}$ = median deviation of average logarithm in db below mean power

78.2 W
8.8 N Long
Virginia 3
on Front Royal,
NOISE Station
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Month February 19 61

		D. Vdm Ldm																									
		n _o																									
		Fam																									
		D. Vom Ldm																									
		P/ 3/																									
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		n Far	74	4	44	24	24	23	133	73	75.7	8	26	76	24	ケマ	757	3	26	75	76	44	77	77	22	22	
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(Mc)		Du	4	~	3	જ	7	へ	~	12	00	7	2	~	7	7	2	7	5,	12	7	4	~	3	n	3	
		Fam	35	3,	34	34	39	39	39	7	14	4	40	39	7	42	43	45	47	18	49	49	14	38	36	36	
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regu		V _{dn}																									
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		D _u	56 5	5-6 3	54 6	53 6	53 4	52 7	22 6	50 6	36 7	32 5	30 5	28 3	32 1	32 5		34 9	36 6	h 44	52 6	34 6	3-8 6	58 5	58 5	57 5	
		In F	2	٠,	٦,		.,	8	3	.2	~	~		-8	,	~		<i>™</i>	~	7	یک ا	(۲	<u></u>	.2)	~	<u>ح</u>	
		Dr Vam Lam Fam																									
	. 5		3	9	12	,2	7	7	7	7	3	7	4	5	4	5	4	3	1,5	9	12	7	3	n	7	5	
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		Fam	5-8	9	5-9	59	2	5-8	5.6	50	40	36	34	34	30	30	30	3,	36	44	54	56	3-7	57	5-8	5.79	house
		Vdm Ldm																									affective antenna naise is at above both
		DZ Vdr																		1							oaio
	500	_	2	7	7	10	77	1	3	3 7	hh	8 7	5 2	5 3	3	7	3	12	3	2	7	1	7	9	2	72	2000
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			00	00	00	8	2	7.	2	9	3		54	54	56	57	56	57	3	5	2	0	73	7	7	29	forthe
		Vdm Ldm																									
	5	'N 7'a	7	5.	7	00	10	9	7	4	3	5	25	2	7	3	2	7	7	4	7	7	-	9	7	9	distant
	. 135	Du	7	11	8	00	11 /1	15	17	11		2	7 3	9	5	01	7	7	6	00	7	1 //	5 11	10 6	0	6	= median value of
		Fam	66	99	00/	100	1 86	1 96	93 /	88	1 98	63	87	87	87	1 88	88	88	88	89	93	1 46	96	97 1	66	66	11
(18	ا (ا	-	00	0	02	03	04	02	90	07	80	60	10	1 1	12	13	14	15	16	17	18	61	20 9	21 9	22 9	23	L

Fam = median value of effective antenna noise in db above ktb

 D_{u}^{-} = ratio of upper decile to median in db $D_{\mathcal{R}}$ = ratio of median to lower decile in db V_{dm} = median deviation of average voltage in db below mean power L_{dm} = median deviation of average logarithm in db below mean power

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		_	170	dm Ld	E E	D mr		P/ 7	m Ld	T G	n Du	-	Vdm	Ldm	Fam	D _u	\ 7a	/dm L	-dm	-Ea		V V	m Ld	m Fc			√dr	n Ldn				Vdm		_		۸ ٧	dm/L	*=
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3 17 70 445 109 315 755 325 520 52	00	16	151			4	10 14	+3	* ?	5 96	_	=	1,0	* 1.12			1/						* 0	_				\$ /e.o	33		14	6.0	* 0°	26		ィ		
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8 11 % 170 170	00	72	10/	2.0 0.5	3/ 0.0	180	16 16	*5	* 0.	*15	-				62		৴						* 15			_	==			_	11			47				
6 10 \$\frac{120}{180}\$ 116 9 11 \$\frac{13}{150}\$ 25 6 15 \$\frac{1}{180}\$ 25 12 11 11 15 5 \$\frac{1}{150}\$ 25 11 12 \frac{1}{150}\$ 25 11 12 12 \frac{1}{150}\$ 25 11 12 12 12 12 12 12 12 12 12 12 12 12	0	00	* 11	10 1	20 //	4	10	# 6	¥ 50°	45	_		* 7.5	25.0	73		00								0		*(?					*	\$ 0.0	13				
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8 8 \$\frac{2}{16} (\frac{1}{16}) (\f	-	7	00	0.0	0.	17/1	0	ta:	5 17		_		#0;	14.5	29		15/	3.0	16.0	38 /			* 3					*	_		2	4,5,7	8.0	30			10	12
9 4 75 720 136 136 13 6 9.0 40 109 13 9 700 175 199 11 115 250 46 13 10 \$25 75 10 \$10 \$20 75 14 4 5 6 5 75 34 4 7 1 85 75 70 13 10 75 75 70 13 10 75 75 70 13 10 75 75 70 13 10 75 75 70 13 10 75 75 70 13 10 75 75 70 14 75 75 70 14 75 75 70 14 75 75 75 70 70 70 70 70 70 70 70 70 70 70 70 70	. 0	=	8	F + +	10.	105		* (0 /5.	5/10	104	9	45	16.5	_	20		0.0	_	40 3			5 17	_				0 15.0	_		5	6.0	10.0	33			15.	1.0
9 4 75 720 136 136 6 8.0 40 113 12 13 85 140 91 20 17 110 185 54 18 14 80 135 53 9 5 6.0 95 48 4 2 35 6.5 34 2 2 2 10 4 2 20 5 12 10 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	00			9.0 13.		1 he		=	0 14	=	_		* 10.0	17.5	_	10	*	1,5%		48 2			× 5.	_							9		7.5-	32	7	8		0.7
4 20 6 70 10 <td>0</td> <td>6</td> <td></td> <td>+ 6</td> <td>0.</td> <td>7</td> <td></td> <td>00</td> <td>41 0</td> <td>0 110</td> <td></td> <td>/3</td> <td>===</td> <td>140</td> <td>16</td> <td></td> <td></td> <td>11.0 /</td> <td>==</td> <td>1 45</td> <td>=</td> <td></td> <td>0 /3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>く</td> <td>35</td> <td>4.5</td> <td>34</td> <td>て</td> <td>~</td> <td></td> <td></td>	0	6		+ 6	0.	7		00	41 0	0 110		/3	===	140	16			11.0 /	==	1 45	=		0 /3								く	35	4.5	34	て	~		
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 $F_{\rm om}$ = median value of effective antenna naise in db above ktb $D_{\rm u}$ = ratio of upper decile to median in db $D_{\cal R}$ = ratio of median to lower decile in db $V_{\rm dm}$ = median deviation of average voltage in db below mean power $L_{\rm dm}$ = median deviation of average logarithm in db below mean power

Power only published in Technical Note No. 18-3.

Station Ibadan, Nigeria
NOISE
RADIO
P
VALUES
MONTH-HOUR

65 61

Month July

Lat. 7.4 N Long. 3.9 E

		Vdm Ldm																									
		Vdm																									
	20	7 _Q	4	~	16	0	7	h	4	9	15	2	7	Ч	12	4	7	9	9	~	7	ħ	マ	7	4	2	
	2	Du	7	0/	8	9	4	9	00	9	1	6	4	3	10	6	0/	9	9	2	10	4	4	4	16	7	
		Fam	30	30	38	200	38	32	32	34	31	30	3	مح	29	30	3	34	34	32	30	38	4	30	30	30	
		Ldm	6.0	7.0	2.0	7.5	7.5	7.0	4.0	12.0	16.0	16.0	15.0	10.5	4/2.0	12.0	9.5-	40.6	7.0	7.0	20	6.5	2.0	6.0	6.5	6.0	
		De Vam	2,5	3,5	4.0	40	4.5			75	40.0	10.0/	\$ 5.8	7.0.	\$5.5	7.0	5.5	#15	4.0	3.5	40	30	3.0	3.5	3.0	3.0	
	0	DE	-9	00	8	∞	8	00	10	00	7	00	6	6	10	9	10	10	00	7	7	*	e	10	7	Vo	
	1(Du	4	9	7	7	4	h	ィ	و	00	2	7	0	7	べ	۰	t	4	7	4	7	00	و	6	9	
		Fam	39	39	7	1/1	41	14	141	35	49	90	39	33	33	39	11	45	49	64	49	45	43	43	45	1/	
		mp_	7.5	8.0	2.5	8.5	10.0	11.0	14.0	*//.0://	17.0		4.0.0	* 21.5	* 20.05	13.5	\$0.00	4/0.0/	* //. 0	7.0	8.0	7.0	6.5	7.5	7.0	7.5	
		Vdm Ldm	4.0	4.5	4.5	4.0	5.5	*0		6.5	* 10.5	12.0 15.5	16.0	135	14.5	8.0		15.5	3.0	*~. .s.	5.0	3.5	* 55	4.0	3,5	4.0	
	2	Za	10	10	0/	00	10	00	10	10	7	00	7	9	6	10	00	10	00	9	9	00	0	00	14	00	
		Du	イ	4	4	7	4	4	8	د	2	5	12	11	べ	14	21	14	8	~	જ	4	જ	م	4	16	
		Fam	60	5-8	5-8	5-6	56	376	لآك	46	34	34	31	30	34	38	40	50	15	9	bg	64	69	66	79	60	
		Ldm	8.5	9.0	9.5	10.0	12.0	13.0	* 17.5	* 00		4.5	17.5	18.0		20.0	* 18.5	16.0	* /5.0	*0.	6.0	6.5	6.0	7.0	6.5	7.5	
		Vdm	4.0	5.0	5.0	5.0	6.0	6.0	10.0	* 0, 0		* 4.0	¥ 11.5	130		11.0	4,50	10.0	100	* 5.7	3.0	3.5	2.5	3.5	3,5	4.0	
	2,5	J'a	10	6	ರಿಂ	01	7	12	14	10	00	5	6	<i>†</i>	જ	9	16	9/	20	9/	10	00	0/	14	11	2	
(Mc)		n _Q	0	5	00	9	5	00	00	//	7	00	6	%	8/	19	14	22	9/	7	3	76	0	0	h	~	
		Fam	11	89	67	65	64	3.9	49	39	33	37	39	35	45	14	49	53	57	5	69	11	73	73	1	70	
enc		Ldm	10.0	13.0			19.0	11.0	* 22.5							28.0	* 32		7,85	*	\$°, ₹	75.	9.5	0 11.5	*0.0	10.0	
Frequency		Vdm	45	9.0	7.0	7.0	* //	* 12.5	16.0							17.5	4,5		70.5	¢.4	* 2,	** 0.7	4.5	* 3.	*3	\$10	
Ţ	545	7 ₀	(2)	8	0/	10	16	16	00	(1)	4	-9	6	9	2	18	28	26	3	91	0/	=	7	9	O	00	
		٥	00	9	~	9	00	7	81	14	~	00	- 23	16	77	16	81	18	19	19	9	9	W	و	10	00	
		Fam		97	97	95	- 93	177	65	67	59	69 0	65	69	19	83	16	93	16	5	97	97	66	97	97	97	
		DZ Vdm Ldm	11.5	14.0	*	15.0	17.5	17.5	4 19.0	\$ 0.00	4.0.00	+6.			\$0.0	0.7 x	11.0 18.0	**	0.6/0	\$ 16.0	0.0/	£0.	*	* 10.5,	8.5	*0.	
	9	Vdm	6.0	3.0	7.0	7.0	8.0	10.0	4.0/	*00	* /3.0	* ==			* //.0	* 15:5	ختت	15.0	* <	+0:	#12	45	6.0	415	4.5	* 6	
	. 246		8	7	0	10	8	14	14	1/6	20	9	/3	X	_	_	hγ	26	h¢	7	10	9	-0	00	=	9	
		n Du	8	00	9	3 4	9 1		9/	18	00	00	20	/3	91 17	3 15	4 6	3 14	7	15	7	00	00	9		00	
		n n	113	111 35/	- 1/1	11.	111	46 061	93	68	89	85	- 84	87		50/	601	9 1/3	111 0.5/	111	111	0 /1	11/	5/13	H1 0://	1/1/2	
		De Vam Lam Fam	5 12:	* 55	8.0 14.5 113	8.0 16.0 113	0.9/	* 0	12.0 20.0	0.8/0	0.6/0	5 /9.0	11.0 15.5		4 0.6/	12,01	13.0 18.5	10.0 15.0	1/5.0	16.5	13.0	5.0 11.0 /11	0.1/ 5.5	5.0 10.5		6.5 12.5/113	4
	~	√ Vdr	5.9	*, 6.5	=								_		*0.	100				+0. 12	2.0				15.	100	
	11	ļ	2	-9	9	0/	7	5	2		0	00	9	9	10/	8/8	1/6	919	15	18	1	-9	2	-9	2	9	
		n _O m		8	1 8	200	7 9	2 9	1/	20	6 15	13	5	6/6	2/ 18	8	8 72				7 9	00	90	4 8	7 8	4 8	
		T _D	8.0 14.0 128	8c1 241 2.5	8.0 14.0 128	\$0 15.5 128	8.5 16.0 126	11.0 16.5 117	111 51115 111	12.0 22.0 108 18	201 -5	14.0 23.0 108 13	13.5 21.0 106 12	K. 0 /8.0 /69 /2	# * 11.0 112	11.0 ths 122	174	7.0 13.0 1.28	\$.0 Tio 128	9.0 14.0 130	16.0 x 0.5 /27	5.0 105 128 6	*7.0 13.0 128	6.5 12.0 128	6.5 12.0 128	86/ 51/0.9	10.00
		- P	4 7	7.	× 0/4	* 15	5/6.	* 2	0 17.5	24	13.0 19,5	* %	12.4	* 0	* 2	43.	3.5 145	* (%	* O	* 0	* 0	0/0.5	* 0	5 12.	5,73	0 1/1.5	-
	-	D& Vdm Ldm Fam				-	_	-	8	100		4.7				*:		_	**	*6							-
	. 051	D _u	2		0	8	8	7	00	70/	0/ 8			5	00	00	7 10	6/3	6 12	01 8	6 10	7 7	4 5	8	かべ	7	-
		Fam D	h ahl	70	200	-	_	-		7 9		01 /1	10 124 10	= 77	130 8	134 8	138			8 141	141		_	4 01		23 140 2	
(15	ער:	IUOH Ing	00	0/1/10	02 140	03 140	04 138	05 /36	871 90	07 126	86/80	60	0	-	12 /3	13 /3	14/3	15 140	7/1/91	17 /4	18 14	7#/ 61	20 142	21 140	22 140	3 14	ı
			LO						0	LO	10	10			_	_					-		0	N	2	2	

 F_{qm} = median value of effective antenna noise in db above ktb D_u = ratio of upper decile to median in db $D_{\mathcal{L}}$ = ratio of median to lower decile in db V_{dm} = median deviation of average voltage in db below mean power L_{dm} = median deviation of average logarithm in db below mean power

Power only published in Technical Note, No. 18-3.

59			Vdm Ldm																									
6			PA TO									3		7													\dashv	
		20	_							7	71	_			-9					7	7						-	
August			n _o u							9 6	4	7	150	2	0//		7	~0		-9	00	100			2	~	_	
Aug			D.f. Vdm Ldm Fam	35	37	* 57 × 7	* 50 m	3	*W	33	5 39	0 37	* 28	29	3/	3,	5 32	\$ 36	* 0	0 40	39	38	+ 1		38	1 33	\$ 39	
듄			ı L'dı	6.5	7.0	7.0	00	5 40	7.5	10.5	12.5	13.0				4.0 /3.0	12.5	10.0	8.0	+1	6.0	7.0	- 6.5	6.0	100	65	4.07	
Month			Vdr	30	4.5	4.0	4.5	4.5	\$10	é, o	75,	*0°				*0.	\$0.0	6.5	4.0	17.	3.0	5 4.0	- 3.5	3.0	4.0	9.70		
_		10		7	e	11	∞	00	7	/3	000	9	7	00			9	1	1	10	9		3	9	7	6	7	
9 E			n _O w	12	7	3	7	7	12	12	7	00	10	3 16		0	4	1.5	7	4	2	4	9 9	9	7	W	7	
3.			Fam	47	c42	44	4	39	040	38	34	28	26	23	*0	**	32	35	47	h+1 -	89	84	7 46	44	74	44	7.0 44	
G			n Ldn	8.0	9.0	5.0 8.5	\$ 8.5	- 10.0	7.5 12.0	13.0	7.0 125								10.0/	6.0 9.5	* 7.	7.0	6.5	8.0	7.0	7,5		
اد			mp Mp 7 G	4.5	\$.0	5.0	\$5.0	5.5		12/									_		÷ω.	4.5	4.0	5.0	40.4	4.0	45	
Z		2	_	20	9	∞	7	∞	7	6	7	2	9	10	15		2	0/	0/	7	10	5	4	01	07		00	
7.4 N Long.			n _o	2	5	7	7	00	12	7	7	14	14	14	へ		14	10	7	00	9	7	7	7	~	9	,2	
Lo.			Fam	5.6	3.6	54	45	45	5.4	84	44	20	30	8	34	¥ 00	87	34	42	26	5	09	77	62	62	58	25	
			De Vem Lem	8.0	10.0	6.0 11.0	9.0	12.5	11.5	12.5	10.0 11.5	*1.2						10.0		11.5	*00	5.5	7.0	40.6	1.5.	8.0	* 0°	
ia			Vdm	4.5	5.0		* 15.5	6.0	13 7.5	9.0	* 10.01	¥,2.3						* 6.5		* 0°	5.0	2.5	3.5	から	4.0	5.0	* 50	
ger		5	7 _Q	72	11	13	/3	10	13	2	S	/3	10	00	00		76	6	1	14	0/	14	6	7	0/	ý	9/	
Station Ibadan, Nigeria	(Mc)	2	Du	1	9	0	9	01	/3	/3	4	13	9	5	12		01	8	14	7	4	3	9	79	9	9	5,	
dan,			Fam	63	15.0 64	79	09	58	3	hh	38	36	36	32	36	* 22	30	36	36	15:5/ 42	50	99	000	89	79	99	99	
Iba	Frequency		De Vam Lam Fam	14.0	15.0	18.0	16.0	19.0	8.5 18.0			15:0	4.10	14.0	17.0	× 5.		130 240	12.0 \$1.0	15.5	11.0	10.0	3.5	12.0	5.5 12.0	12.0	5.5 13.5 66	
e E	nba		Vdm	6.0	7.0	2.0	7.0	7.0	*00			*00°	*00°	4.0	12.0	3.5		130	13.0	10.5	5.5	4.5	4.5	2.5	5.5	* 4.5	5.5	
stati	Fre	545	7 ₀	7	/	8	8	14	11	7	6	6	00	00	9	9	0/	11	18	11	9	3	9	7	10	00	5	
0)		70	na	000	14	6	11	72	13	6	9	9	6	4	5	18	18	17	18	17	6	4	6	3	0	7	00	
			Fam	2	8	90	88	9,8	64	85	9	9	5-8	8.5	63	8.5	77	67	9	20	29	90	92	93	46	92	93	
SE			Ldm		19.0	16.5	15.5	19.5	* 20.5	12.0	15.0	1.5	*//.5/	10.0	105	10.5	14.0	13.5	15.0	15.0	* /3.5	0.27	11.0	4.3.0	12.5	13.5	14.0	
NOISE			D& Vdm Ldm	7.0 MS	8.0	7.5	8.0 15.5	9.5	1.5 20.5	* 0 .v.	8.0 15.0	6.0	6.0 11.5	4.5	5.5 105	4.5 10.5	8.5 40	8.0	100	9.5	4.0 /3.5	5.5	5.0	4 + 4	6.0 12.5	6.0	7.0 14.0	
		246	7a	11	6	10	6	17	0/	14	00	6	11	9	7	01	6	10	13	11	7	13	7	So	Do	6	00	
OIO		7	Du	0	00	6	. 6	6	13	17	13	91	14	10	6	15'	77	20	17	17	14	8	e	6	00	000	9	44
R			Fam	110	801	801	901	104	83	74	36	76	th/	74	77	80	2	86	87	90	22	104	106	107	801	109	110	
户			Ldm	2.0 H.o	14.0	14.5	14.0	17.5	17.5	15.0	*0%	# 5.	1.0 14.0	0.01	11.0	11.0	4	1/.5	/3.0	8.0 14.5	12.5	0:11	6.0/ 0.0	7.0 12.5	6.0 /3.0	13.0	6 6.5 /3.5	40
10			Dr Vdm Ldm	20	8.5 14.0	80 MS	7.5-	15.8	10.0/	10,	200	15.	1:0	6.0	400	6.0 11.0	*55	7.5 11.5	8.0	8.0	2.0	6.0	0.9	7.0	0.9	6.0	6.5	-
ES		6	70	200	9	00	6	2	6	8	0/	0	2	8	10	00	e	12		7	7	4	9	9	4	9	9	-
1		=	na	9	7	7	9	9	7	11	0	13	14	00	7	8	4	11	7	/3	9	10	7	7	6	7	,2	
>			Fam	125	123	53	123	101	1/3	201	103	100	99	101	107	101	111	112	1/3	113	115	119	133	123	123	HO!	125	44
2			E		5.5	15.0	15.0 123	16.0	7.0	13.0	4.0	0.08	0.70	=	=	3.0	12.5	12.5	12.0	0.01	13.0	12.5	3.0		13.5	0.41	13.5	-46-
0			D& Vdm Ldm Fam	7.0 145	8.0 15.5 123	0.8	9.0	7.5- 1	9.5 17.0 113	0.9	8.0 14.0 103	001 0.00 0.11	12.5 21.0	10.0/16.0	8.5 14.5	8.0 12.0 107	7.0 /	8.0	6.9	6.5	6.5	6.5	6.0 13.0 123	6.5 13.5	6.0 /35/ 123	7.0	4 6.5 13.5 125 5	7
Ŧ		-	7	2	7	4	7	5	11	0	1	14/	べ	10	9	7	e	5	9	4	60	7	7	4	7	7	7	4
H		. 05	n _O	7	7	00	7	N	9	8	7	9	-9	4	4	9	9	12	7	8	00	8	9	00	00	6	7	and die
MONTH-HOUR VALUES OF RA			am .	137	1357	135	135	/35	33	125	133	123		123	125	127	/3/	132	/33	133	132	133	137	137	137	137	137	
ž	(TS	ر (٦	noH	00	0	8	03	04	05 //33	90	20	80	60	10	Ξ	12	13	14	15	91	17	18	61	20	21	22	23 /37	L

 $F_{\rm Gm}$ = median value of effective antenna noise in db above ktb $D_{\rm u}$ = ratio of upper decile to median in db $D_{\rm g}$ = ratio of median to lower decile in db $V_{\rm dm}$ = median deviation of average voltage in db below mean power $L_{\rm dm}$ = median deviation of average logarithm in db below mean power

NOISE
RADIO
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VALUES
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MONT

Station Kekaha (Kauai), T. H. Lat. 22.0 N Long. 159.7 W Month December 19 60

Fig. 10 St.				Ldm	3.0	15 30	30	15 30	2.5	1.0 2.5	2.5	2.0 3.0	4.6 5.5	6.5	4.0 5.0	5.0 6.5	40 6.0	2.0 6.0	2.5 415	30 56	25 40	3.0 5.6	2.0 4.0	2.0 4.0	2.0 3.5	1.5 35	1.5 30	20 3.5	
Frequency (Mc) 23 We when fam 0, 92 Van Han fam				Vdm	1,5	1.5	1.5	1.5	01	0.1	1.0	2.0	2%	*5	4.0	5.0	4.0	4.0	2.5	30	25	3.6	2.0	2.0	2.0		1.5	2.0	
Fam Du Dz Vam Lam Du Dz Vam Lam Fam Du Dz Vam Lam Dz Vam Dz			07	Y _Q	7	2	2	0	0	0	0		2	N	7	7	w	2	7	7	4	N	7	0	7	7	_	2	
Fam Du Dz Vam Lam Du Dz Vam Lam Fam Du Dz Vam Lam Dz Vam Dz					N	2	3	0	0		_	7		2	7			7	0			4		7	/		3	3	
Fam Du Dz Vam Lam Du Dz Vam Lam Fam Du Dz Vam Lam Dz Vam Dz				Fam	24	24	74	24	74	M	24	24	74	24	22	22	22	22	74	26	26	26	26	24	26	26	元	124	
Fam Du Dz Vam Lam Du Dz Vam Lam Fam Du Dz Vam Lam Dz Vam Dz				Ldm	5.0	6.0	0.0	5,5	5.0	5.0	5.5	8.0	2.0	5.0	\$00.0				8,5	120	4.5	5.0	7.0	5.0	6.5	5.0	5.0	6.0	
Fam Du Dz Vam Lam Du Dz Vam Lam Fam Du Dz Vam Lam Dz Vam Dz				Vdm	3.0	3.0	3.5	35	3.5	3.0	3.0	4.0	4.5	3.0	6.0				5.5	7.0	2.5	25	4.0	3.0	4.0	2.5	2.5	3.0	
Fam Du Dz Vam Lam Du Dz Vam Lam Fam Du Dz Vam Lam Dz Vam Dz			0	ZQ	3	4	3		7	2	7	4	_	2		9	3	7		4				7	3	4	0	2	
Fam Du Dz Vam Lam Du Dz Vam Lam Fam Du Dz Vam Lam Dz Vam Dz					0	9		5	H	7	4	2	7	0	9	9		1	12	12	4	5	4	4	5	5	5	O	
Fam Du Dz Vam Lam Du Dz Vam Lam Fam Du Dz Vam Lam Dz Vam Dz				Fam	38	38	36	36	32	34	34	DH	34	28	22	18	19	17	81	22	30	36	36	36	36	38	40	38	
Fam Du Dz Vam Lam Du Dz Vam Lam Fam Du Dz Vam Lam Dz Vam Dz	ı	Ī		L-dm	8.0	6.5	10:01	8.0		9.5	0.8	65	\$.0	5.5	5.5	5.0	3.0	10.00					100	0.7	45	8.0	8.0	7.5	
Fam Du Dz Vam Lam Du Dz Vam Lam Fam Du Dz Vam Lam Dz Vam Dz				/dm	4.5	3,5	5.5	4.0	5.0	6.0	4.5	3.5	5.0	3.5	30	5.5	60	8.0					5.0	4.0	5.5	5.0	5.0	4.0	
Fam Du Dz Vam Lam Du Dz Vam Lam Fam Du Dz Vam Lam Dz Vam Dz				70	4	9		4	_		4	4		7	4	4			4	9	2						5	4	
Fam Du Dz Vam Lam Du Dz Vam Lam Fam Du Dz Vam Lam Dz Vam Dz			LK?	n _O	9		5	5	3	N	7	9	8	_		9			4	9	6	13					9	9	
Fam Du Dz Vam Lam Du Dz Vam Lam Fam Du Dz Vam Lam Dz Vam Dz				Fam	52		12	25	48	84	46	8/	36	74	20	20	30		_	22		34	44	47	=	50	B	20	
Fam Du Dz Vam Lam Du Dz Vam Lam Fam Du Dz Vam Lam Dz Vam Dz		Ī		L-dm	95	10.0	11.0	100	12.0	3.5	10.0	9.5	9.5	5.0	19	5.0	4.5	6.5	5.0	40	5.0	0.9	100	15.0	140	130	13.0	D:01	
Fam Du Dz Vam Lam Du Dz Vam Lam Fam Du Dz Vam Lam Dz Vam Dz				mp/	4.5	55	5.5	0.0	7.5	55	5.5	6.0	6.0	3.0	2.5	3.0	25	4.0	25	2.5	30	4.0	7.5	8.5	8.0	8.0	7.5	6.Ü	
Fam Du Dz Vam Lam Du Dz Vam Lam Fam Du Dz Vam Lam Dz Vam Dz			5	J'a	4	2	5	H	_	7	4	9	6					N	7	7	4	9	8	7	13	6	00	4	
Fam Du Dz Vam Lam Du Dz Vam Lam Fam Du Dz Vam Lam Dz Vam Dz	ı	(S)	2	D'u	7			9	_			01									N		16	12		//	0	2	
Fam Du Dz Vam Lam Du Dz Vam Lam Fam Du Dz Vam Lam Dz Vam Dz	ı			Fam	8		00	00	58	00	56	25	44	34			30	30	30	30	32	36	47	45		56	28	28	
Fam Du Dz Vam Lam Du Dz Vam Lam Fam Du Dz Vam Lam Dz Vam Dz		ncy		Ldm	225	19.5	200	17.5	27.0	20.5	180	170	18.5	0.6	011	6.5	14.0	60	50	8.5	95	210	230	52	22.0	20.5	14.0	140	
Fam Du Dz Vam Lam Du Dz Vam Lam Fam Du Dz Vam Lam Dz Vam Dz		dne		Vdm	115	10.5	0.0	35	130	11.5	9.5	0:01	9.0	0.6	5.0	8.0	0.5	1.0	3.0	6.5	8.0	25	14.5	115	13.0	11.0	8.5	10.0	
Fam Du Dz Vam Lam Du Dz Vam Lam Fam Du Dz Vam Lam Dz Vam Dz		Fre	35	70	/	8	0	9			7	8	=	2	=		7	9		4	9	S	17	74	14	12	6	12 *	
Fam Du Dz Vam Lam Du Dz Vam Lam Fam Du Dz Vam Lam Dz Vam Dz			4	۵	10			13			14	16		عننت	تنتتن	45	17	20		20	14	19	22	22	17	21	13	13	
Fam Du Dz Vam Lam Du Dz Vam Lam Fam Du Dz Vam Lam Dz Vam Dz				Fam	18		28	28	28	08	72	28	52	50	52	50	20	20	15	84	20	56	20	22	19	79	08	48	
Fam Du Dz Vam Lam Du Dz Vam Lam Fam Du Dz Vam Lam Fam Dz Zz Zz Zz Zz Zz Zz Zz		Ī		E P	18.0	0.61	0.8	0.8	20.5	0/2	300	715	55.0	30	0.8	18.0	Shi	20	18.5	15.5	0.0	02	330	330	201	0.20	0.7	06	
Fam Du Dz Vam Lam Du Dz Vam Lam Fam Du Dz Vam Lam Fam Dz Zz Zz Zz Zz Zz Zz Zz	ı			/dm	105	0.0	105	0.0	0.0	1.5	11.0	135	145	90 1	120	4.5	125	5.0	11011	90.	20 %	35	13.0	140	120	115	10%	190	
Fam Du Dz Vam Lam Du Dz Vam Lam Fam Du Dz Vam Lam Fam Dz Zz Zz Zz Zz Zz Zz Zz			9	70	7		9	8				0	15	13	12	101	61	, 41	18	12	14	13	14	8/	14	14	0	8	
Fam Du Dk Vam Lam Fam Du C54 3 2 10 170 178 6 154 3 3 95 160 130 4 154 3 3 95 160 130 4 154 3 3 95 160 130 4 154 3 3 95 160 130 4 154 3 2 90 160 132 3 154 4 2 95 150 132 3 155 150 132 3 155 150 160 150 150 150 150 150 150 160 160 150 150 160	ı		-				01	01	//			15	22	28	24	30	22	23	22	3/	22	23	2	2	8/	15	12	14	4
Fam Du Dk Vam Lam Fam Du C54 3 2 10 170 178 6 154 3 3 95 160 130 4 154 3 3 95 160 130 4 154 3 3 95 160 130 4 154 3 3 95 160 130 4 154 3 2 90 160 132 3 154 4 2 95 150 132 3 155 150 132 3 155 150 160 150 150 150 150 150 150 160 160 150 150 160	ı				103	105		92	103	103	103	88	76	14	73	72	2	73	75	69	73	200	8.7	16	95	8	101	101	
Fam Du Dk Vam Lam Fam Du C54 3 2 10 170 178 6 154 3 3 95 160 130 4 154 3 3 95 160 130 4 154 3 3 95 160 130 4 154 3 3 95 160 130 4 154 3 2 90 160 132 3 154 4 2 95 150 132 3 155 150 132 3 155 150 160 150 150 150 150 150 150 160 160 150 150 160	ı	Ī		ωp	6.5	0.8	18.5	0.6	20		185	0.6		070	Shi	an	245	220	25	sa s	36	220		3.5	0.22	100	27.0	18.5	4
Fam Du Dk Vam Lam Fam Du C54 3 2 10 170 178 6 154 3 3 95 160 130 4 154 3 3 95 160 130 4 154 3 3 95 160 130 4 154 3 3 95 160 130 4 154 3 2 90 160 132 3 154 4 2 95 150 132 3 155 150 132 3 155 150 160 150 150 150 150 150 150 160 160 150 150 160				mp/	0.0	199	07	101	120	20 /	1.51	20 1	120 1	35 ;	3/	10%	0.9	4.5	5.0	3.0	150	30	2.0	115/	130	125	3.0	1.01	
Fam Du Dk Vam Lam Fam Du C54 3 2 10 170 178 6 154 3 3 95 160 130 4 154 3 3 95 160 130 4 154 3 3 95 160 130 4 154 3 3 95 160 130 4 154 3 2 90 160 132 3 154 4 2 95 150 132 3 155 150 132 3 155 150 160 150 150 150 150 150 150 160 160 150 150 160	ı		1) Ja		سننقط					_	_		2	1	10	13	//	8	do	6	2	12/	8	12.	10/	9	9	
12 12 12 12 12 12 12 12 12 12 12 12 12 1			, 05	Du	9	=		4	4		3	_	_	13						14	15	00	15		14		0	5	_
12 12 12 12 12 12 12 12 12 12 12 12 12 1				Fam	871	130		132	132	132	132	126		1	011	101	1	011	011	200	OC	200	1/4	14/	120	122	124	128	4
12 12 12 12 12 12 12 12 12 12 12 12 12 1	ł	Ī		шþ	0.7	0.9	0'50	0%	120	35	10.9	0.9	15.0	02	127	03	00	0%	12	330	151	25	951	10%	75-1	20	6.5	70	40.00
12 12 12 12 12 12 12 12 12 12 12 12 12 1	į			Vdm L	00	7.5 /	0.6	351	75/	2	35	30 1	ao A	25/	151	20 /	30%	3,5%	15 5	4.5 2	35 %	40%	1151	20 1	101	150	100	00	90
12 12 12 12 12 12 12 12 12 12 12 12 12 1			3	70	2			4	_					4			7 /	10			1	4 1	5/1	9	9	4	4	7	- Tark
			. 0							-				4		7	7			_		9		-		4	7	1.	- dia
									150		154	26		8	55	,20	150	50	20	. 84	150	8/11	8/1	20	152	. 25	124	154	
		(TS.	۱ (۱		8			03	04	05/	90	07			0	=	12	13	_	15	91	==	18	61	20		22	23	L

 F_{Gm} = median value of effective antenna noise in db above ktb D_{u} = ratio of upper decile to median in db $D_{\mathcal{L}}$ = ratio of median to lower decile in db V_{dm} = median deviation of average voltage in db below mean power L_{dm} = median deviation of average logarithm in db below mean power

		Ldm	2.0	3.0	3.0	3.0	3.0	2.5	2.5	2.5	3.5	40.9	5.0	* 7.	40	₹ °	413	4 %	4.0	3.5	4.0	2.0	اري م	2.5	2.5	2.0
		Vdm	1.0	1.5	1.5	1.5	1.5	1.0	1.0	1.0	2.0	40,	3.0	*%	2.5	40%	*~	* ~	3.0	3.0	2.0	0.5	1.5	1.0	1.0	0.5
	20	70	0	٥	0	7	ત	0	0	_	イ	~	べ	0	7	٧	べ	マ	ィ	7	7	0	0	0	.0	0
	2	Du	7	ィ	4	જ	_	~	٦	٦	٦	ィ	_	ィ	٦	7	4	\	ィ	8	8	7	4	7	7	3
		Form	23	73	13	25	25	75	75	75	750	25	73	イ	10	23	13	25,	25	25	75	23	13	73	13	23
		Ldm	5.5	5.0	4.0	5.0	3.0	3.0	3.0	10.0	2.0	7.0	3.0	7.0		3.0	3.0	7.0	4.0	\$.0	5.5	4,0	45	5.0	4.5	5,5
		Vdm	3.0	3.0	0.0	2.5	2.0	1.5	2.0	4.0	5.0	4,0	75,	5.0		7.5	7.5	4,0	SK.	25	3.0	3.0	3.0	3.0	7.5	3.0
		DE	4	h	5	4	7	~	~	7	1	ħ	7	2	01	6	7	h	00	7	9	~	4	4	9	9
	10	ρŋ	7	7	6	9	7	K	7	6	6	6	6	77	9	13	10	6	~	h	9	•	5	12	7	7
		Fam	34	34	34	32	30	30	30	36	32	10	44	20	77	12	7	98	32	38	36	34	34	36	36	36
		Ldm	10.5	9.0	8.5	10.0	9.5	/0.5	8.0	7.0	7.5	2.0	4.0		4.0	6.0		e's'		4.0	4.5	4	8.5	4.0	8.5	7.5
		Vdm	6.5	5,0	5.0	5.0	6.0	6.5	5.5	3.5	* 2.	4.5	1.5.		+ 5	4.7.		#w.		* °°	7.5	6.5	4.5	75.	5.0	4.5
	2	70	5	7	7	7	7	2	9	00	2	7	9	7	4	5	7	ص	1	6	12	7	7	9	ک	7
		n _o	7	4	7	7	9	7	12	12	6	"	6	7	7	6	000	10	:	8	7	8	9	7		2
		Fam	5,7	54	24	5.2	84	86	47	50	40	7	76	70	77	23	7	27	38	38	47	48	80	49	50	5.0
		Ldm	/3.0	10.0	11.5	12.5	70.5	13.5	13.0	10.0	7.0	4.5	3.5	4.6	4.0	5.0	40	40	5.0	8.0	10.0	8.0	9.5	11.0	14.5	13.0
		Vdm	7.0	6.0	7.0	7.0	7.0	8.0	8.0	6.0	4.5	3.0	2.0	2.0	2.5	3.0	*××	3.0	3.5	5.0	6.0	6.0	6.0	8.0	* 8.5	7.5
	5	Za	7	4	2	8	7	6	00	7	7	2	3	٦	0	7	7	8	ィ	2	7	9	7	2	~	0,
(Mc)	2	Du	10	11	6	8	6	000	9	6	00	0/	9	ィ	7	6	~	10	8	8	6	00	6	6	6	0
		Fam	55	5.5	57	5.5	57	53	57	53	43	37	32	31	29	3/	31	3	31	35	5	51	5-1	5-1	5-3	5.6
Frequency		Ldm	240	23.0	230	21.0	21.0	735	21.5	18.0	12.5	9.5	8.0	5.0	6.5	* /3.0	4 13.0	0.0/	10.5	16.5	* 7	73.5	24.5	24.0	* 20.	16.0 27.5
edn		Vdm	1/.5	011	12.0	10.5	1/.0	12.5		2.11	8.5	6.0	5.5	3.0	6.0	49.0	*10.0	8.0	8.0	* 10.0	13.5	13.5	13.0	13.0	#//0//	16.0
ů.	495	De	10	۲/	00	17	01	0/	13	6	9	7	4	7	9	4	7	4	4	6	11	4	10	15	//	13
	4	ם נ	15	7	1/6	16	12	14	15	16	15	12	16	7	11	61	74	て/	13	حرر .	16	. /3	6	200	00	00
		Fam		84	81	83	18	19	75	9	5.5	53	53	1/2	1.5	1-5	50	51	١٢	5.5	69	75	77	83	18	85,
		Ldm	240	31.5	20.0	0.00	0.16	21.5	23.5		23.5	28.0	* 26.0	\$ \$6.0	34.5	* x45	26.0	+17.5	735	25.0	25.0	26.5	25.0	24.5	0.9%	12.0 24.0
		D _Z V _{dm}	15.0	11.5	12.5	12.0	0.11	13.0	/3.0	12.5	13.5	140	13,5	15.0	13.5	18.0	¥ /6.0	15.5	4/5	135	/35	13.5	14.0	13.5	15.5	12.0
	0		?	01	00	6	10	7	6	0/	15	/3	20	13	77	11	6	10	6	17	7	7	14	4	7	6
	, 16	النا	10	∞	6	10	6	1	00	0	13	75 27	23	73 23	74	برر	24	۲۲	pc 15 0.46 2.0%	/3	,	~	00	00	8	00
		Fam	104	tol	hol	104	401 0.16 ES1	105	20/	2	83		80 2	73	74	11	189	70	11	82	88	46	94	86	13.0 21.0 102	101
		L-dm	19.5	401 0.00 0.01	13.0 0.50 104	11.5 21.0	0.12	30.5	13.0 21.0	12.5 20.5	12.5 19.0	15.0 240	25.0	26.0	17.0 27.0	4,027.5	19.0 26.5	18.5 27.0	24.0	*4.0 *255	14.0 21.0	16.0 25.0	15.0 23.0	23.0	21.0	19.5
		DZ Vdm Ldm	12.0				125	12.5	=	12.5			12 16.5 25.0	12 17.0 26.0	17.0	11 48.0 27.5	19.0	18.5	76.5		_			14.0		4 12.0 195 101
	051		4	5	5	5,	7	و-	10	۲	9	00			10		00	10	00	9	9	9	a/	9	00	_
	0.	Du	9	9	10	9	0	12	7	-9	6	6	4 13.0 19.0 112 13	10	15	14.0 21.0 111 12	14.0 21.0 108 10	16.0 22.5 108 12	16.5 23.0 106 14	15.0 22.0 104 14	/3	12.5 18.5 116 10	9	00	9	9
		Fam	87/	801 081 011	11.5 18.0 130	130	11.0 17.0 130	10.5 17.0 130	130	he/	081 0.81	12.5 19.0 114	77	12.0 19.0 110	13.5 20.0 110	111	801	801	901	ho/	13.5 21.0 112	911	120	00/	4.5 H.S 124	126
		Ldm	16.5	0.81	18.0	11.0 17.5	17.0	17.0	11.5 18.0	11.0 18.0	0.81	19.0	19.0	19.0	20.0	21.0	21.0	22.5	23.0	22.0	21.0	18.5	10.5 16.5	16.0	14.5	17.0
		DA Vdm Ldm	10.0 16.5	1/.0	11.5	11.0	0.//	10.5	11.5		12.0		13.0	12.0	13.5	14.0	14.0	16.0			13.5			15.6		2 10.5/7.0 126
	013	70	3	7	_	4	3	3	3	7	7	7	_		~	2	4	4	~	٦	4	~	ત	_	B	
	0	n _O	W	7	9	3	I	4	4	S	べ	1,0	1		5	1,0	2	7	7	7	7	~	w	4	~	4
		Fam	157	153	151	153	153	153	153	155	151	641	10 149	641	148	13 148	147	147	147	145	145	147	641	641	151	23 151
(19	ا (٦٥	noH	8	0	02	03	04	02	90	07	80	60	10		12	13	14	15	91	17	8	6	20	21	22	23

 $F_{\rm dm}$ = median value of effective anienna noise in db above ktb $D_{\rm u}$ = ratio of upper decile to median in db $D_{\mathcal R}$ = ratio of median to lower decile in db $V_{\rm dm}$ = median deviation of average voltage in db below mean power $L_{\rm dm}$ = median deviation of average logarithm in db below mean power

		E	3.0	3.0	3.0	2.5	2.5	2.0	2.5	25	35	4.5	0%	07	5.0	5	5	3	0:	4.0	110	30	3.5	0	30	3.0
		Vdm Ldm	1.5 3.	5	18.	1.0 2.	0 2	1.0 2.	1.0 2.	1.0 2.	2.03	3.0 4	2,5 4	2.0 4	0	5 4	35 5	20,	305	2.5 4	5	53	2.0 3.	53.	153	1.5 3
) X V		1/1	0		//	2							+12	2 2		7			2 2	0 /	2 %	/	"	
	20		0	0	2	1	0	,	0	0	3	2	2	2	2	1 2	2	2	2 2	2				1	_	0 8
	1	D _L	1/2	4 2	43	0 9	00	10	0	29	2	7 9	7 7	0 1.	22	4 4	7 2	2	62	20	26 2	4 2	26 2	53	1/3	43
		n Fam	- 24	1 24	124	26	5 26	7 26	13	2	26	0 26	0 24	174	2	24	124	0 26	0 26	2 26		5 24	☴	0 2	5 28	0 24
		n Ldm	6.5	6.0	- 45	5.0	145	0.40	3.5	17.0	56.0	30 50	050	0.6	130			0.9	5.0	6.0	6.0	165	5.5	0.9	74.5	0.9
		Vdm	35	35	25	2.5	2.5	2.0	2.0	.H.	3.5	*5.	3.	5.5	7.5			3.0	2.5	3.5	4.5	40	3.0	3.0	2.5	7.0
	10	DE	4	7	2	0	8	W	0	4	2	9	00	4	7	4	5	4	8	4	9	2	4	4	7	7
		n _u	5	9	5	9	5	0	19	9	5	7	00	12	0	10	7	1/2	9	4	9	7	9	2	1 4	4
		Fam	38	36	36	34	32	3	38	38	34	30	24	20	18	9	61	24	30	36	38	36	36	38	38	38
		L-dm	12.5	12.0	20%	2.0	10.5	9.5	0.6	8.0	\$3	0%		50	5.5	3,5	3.5				80	27	8.0	0%	0.6	8.0
		Vdm	7.5	7.0	5.0	3.5	6.5	5.5	5.5	40	5.0	2,0		3.5	3.0	2.5	2.0				5.0	5.0	4.5	45	6.0	5.0
	2	ď	7	ω	W	4	80	N	3	7	9	0	9	0	7	9	9	4	Ø	4	4	4	e	9	9	4
	- 1	Du	7	9	9	00	5	4	7	5	10	1	00	H	2	9	9	01	8	12	9	8	H	9	7	4
		Fam	56	56	57	56	15	50	6/7	52	OH	31	26	22	22	22	22	22	26	30	40	46	84	25	52	52
		Ldm	2.0	0.6	10.01	120	15.0	15.0	8.5	8.0	9.0	4.5	1.0	3.5	45	3.0	4.0	4.0	3.0	4.0	20	6.0	10.01	9.5	125	10.0
		Mp	4.0	5.0	6.5	7.0	9.5	0.6	5.0	5.0	3.5	3.0	2.0	2.0	2,5	2.0		3.0	1.5	25	5.0	4.0	7.0	6.0	6.5	5.5
	5	D'E	4	4	3	5	8	9	9	0/	8	N	N	H	7	8	3	2	3	9	8	4	9	9	4	9
(Mc)	2	Du	6	6	6	6	9	00	00	4	11	2	00	4	6	5	6	13	//	0/	10	12	8	8	//	7
5		Fam	28	28	60	00	62	09	09	28	84	38	K	34	34	33	33	32	33	36	42	90	19	55	Z	28
2		Ldm	OHZ		077	_	23.0	220	20.02	225	8.0	135	0.0	130	7.5	19	2.0	20.07	17.5	9.0	26.5	23.0	22.0	220	230	20.02
due		Vdm L	130	125 20.0	12.0 2	120 215	11.5 1	11.5 1	115 2	11.0 %	6.0	10.01	8.0	4.0.7	5.0	106	8.5 1	12.0 %	251	3.5	#15 Z	135 2	135 2	2.0%	15.0%	115 2
Frequency	5	DE	9	5	1 9	7 1	9		101	, 0	0/	9	4	7	<u>*,,,</u>	* 7	7	6	7 1	7	6	8	1 11	8	10	<u> </u>
	.495	٥	6	10	0/	6	12 1	7	12	26	27 /	22	21	18	79	61	14	24	61	//	21	13 8	6	14	7	0/
		Fam	18	85 /	85 /	8.5	1 58	1/18	79/	65 2	19	56 2	53 2	53 1	53	1/1	53	54 2	1 45	55	65 2	175 1	18	1 18	18	83 /
		==	18.5 8	200	3/10 8	20,5 8	20.05	210 8		24.5 6	27.5 6	-	26.0	5,0,3	20.0	0,0	27.0	7.0 g	28.0	17.5	5.0	740 T		≖	24.0 8	19.0
		Vdm Ldm	110 18		12.0 21	115 21	ILO Z	115 2	11.0 21.0	H.O 24	15.0 21	15.0 25.5	15.0 2	15.0 25.0	15.5 2	15.0 24	18.5 21	K 0.	170 28	5 17	15.5 25.0	15.0 24	14.0 26.0	150 250	13.0 24	10.5 14
		7 10		11.5	1					0 14	3 16		1/2	14 15	7 15	1 16.	18	7 18	1/4	1/2	4 15			9		
	160		10 7	9	4	9	8	9	0 8			16 2	1/8/			2 11	_	5 12	6 9	9 1		3 6	128	9	8 01	9
		m Du		6 9	5 11	8 9	69	H 14		14	3 23			0 26	14.5 24.0 83 18	76 22	165 250 76 20	15.0 26.0 82 25	1 26	11 24	82 20	8 13		8 10	100/	7 /
	-	m Fa	11.0 175 103	11.0 19.0 10%	5 105	12.0 195 106	12.0 20.0 106	11.5 19.0 104	11:0 18:0 102	5.1 90	80	00	28 3	16.5 25.5 80	0%		0 7	000	146	7 3		88 5	0	16.5 25.5 98		201
	-	" Ld	112	19	105 185	19.	03	26	18,	13.0 205	026	521	14.5 255	53	5	15.5 25.0	5 25.	0	18.0 27.0	16.5 235	15.0 21.5	155 225	0 22	5 23) 2/1	916
		Dg Vdm Ldm Fam	11.0	110	100		_				10 120 205 83	10 145210 88	14	سخف	14.	15.		15.					8 16.0 220 96	16.3	6 12.0 21.0	9 120 195
	051		7	8	00	4	7	9	7	00	10			00	5	5	7	2	7	00	1	do	8	9	=	6
	J	D.	13	1	7	9	H (7		7	7	10	00	00	3	13	13	80	9	9/	16	160	8	10	8	5
		Fam	129	130	133	130	138	13	133	124	120	7//	112	1/4	13	112	112	112	0//	108	106	112	1/8	120	122	127
		-Fp	16.5	17.0	17.0	17.0	H 051 170 130 H	10.0 17.0 130 4	18.0	18.5	18.0	195	19.0	125 200 114	13.0 21.0 113	14.5 21.5 112	23.0	25.0	25.0	220	21.0	18.5	185	17.0	165	16.5
		DA Vdm Ldm Fam Du	4 95 165 129	10.0 17.0 130 4	10.0 17.0 130 4	105 17.0 130 6 4	10.5	10.0			11.0 18.0 120 7	120 195 114 10	120 19.0	125	13.0	145	14.073.0 112 13	2 16.5 25.0 112	17.0 25.0 110 16	4 150 220 108 16	4 13.5 21.0 106 16 11	11.518.5112	10.5185 118	10.0 17.0 120 10	10.0 16.5 122	9.5 16.5 127
	013	70	4	4	4	2	4	2	4	4	N	4	N	2	N	7	3	N	N		4	4	1/	7	7	7
	Ĭ	no	2	2	N	N	14	H	N	2	¥	1 4	7	9	و	9	7	do	S	9	9	4	2	H	4	0
		Fam	153	153	153	153	153	153	155	551	151	15	14/	149	bhl	149	8/1	PH	147	147	18 147	PH	151 02	191	121	153
(T2	וג ור:	noH	8	ō	8	03	04	05	90	20	90	60	0_	=	12	13	4	5	9	1	8	19	0	21	22	23

 $D_{u} = ratio \ of \ upper \ decile \ to \ median \ in \ db$ $D_{\mathscr{L}} = ratio \ of \ median \ to \ lower \ decile \ in \ db$

 $V_{\mbox{dm}}$ = median deviation of average voltage in db below mean power $L_{\mbox{dm}}$ = median deviation of average logarithm in db below mean power

India,
New Delhi, India
Station 1
NOISE
RADIO
ES OF
VALUE
MONTH-HOUR VALUES OF 1

Month November 19 60

Lat. 28.8 N Long. 77.3 E

 F_{om} = median value of effective antenna noise in do above ktb D_u = ratio of upper decile to median in db $D_{\mathcal{K}}$ = ratio of median to lower decile in db V_{dm} = median deviation of average voltage in db below mean power V_{dm} = median deviation of average logarithm in db below mean power

India
New Delhi,
- I
Station
NOISE
RADIO
P
VALUES
MONTH-HOUR
0

Month December 19 60

Lat. 28.8 N Long. 77.3 E

		Ldm	3.5	3.5	3.5	3.5	3.5	3.5	7.0	415	40.8	*	+13	* 4.	1 /		* 0		* 15	5.5	4.5	4.0	4.0	4.0	3.6	3.5	
		Ndm	2.0	2.0	0.0	2.5	2.5	3.0	4.0	3.0	4.0	*0°	* 6.	13	*0.		70		4.0	3.5	3.0	3.5	9.0	2.5	2.0	2.5	
		7°Q	0	0	0	0	0	۲	3	1	h		4	9	9	~	4	م	イ	γ	7	۲	3	0	8	4	
	2(Du	7	7	4	4	~	9	6	77	6		7	20	5	15	7	7	10	12	9	4	~	4	7	4	
		Fam	35	25-	757	75-	25	27	38	27	29	429	27	2	30	27	29	29	31	3/	31	31	30	27	27	757	
		=	6.0	7.0	7.0	7.0	Sie	5.5	4/2.5/	,v.	7.5	11.5	10.01	7.0	\$.0	6.0	\$,0	4.5	6.0	0.9	1/2	5.0	2.0	2.0	7.5	9.0	
		Vdm Ldm	0	4.0 7	4.5	5.0	4.0 3	4.0 3	4.5.6	4.5- 6	4.0 %	¥ 0.8	0	1/2	*.o	4.0 4	* C	3.0 4	.5.	4.06	4.0 /	4.0 6	4.0	4.5-	4.5 7	6.0	
		Dr V	7	2, 4	4 4	43	7	3 4	7 6	4	4 4	*-0	*5:	47	* 1	€ C.	w. 0	*)	7 7	7	* 5	1 8	7 4	4	7	3	
	10	Du	, 9	4 3	7 /	00	8	7	h	4	0					12	9	9	7	٠	4	3	9	0/	7	15	
		Fam t	6	39	7	35	35	36		39	3 /	べ	3 /	_	30	_		35	4	43	94	45-	43	11/	_	40	
	-		8:0 3	0	.o	0	0	<i>ا</i>	7 0	5	S. 0.	0 ₩	*5	*W	12. *1.)	,2. W	3.0 3	0	* 5.5		=	=	=	0	5 4		
		Vdm Ldm	0	400	0 /0.	5-1	5 9	0.	* 00	* 00	* 0	D 4	*4	* 7	4 0	+E.	15. * W	2.0 4	+ N	* 0 5.5.	0.4.0	3.0 5.0	0 7.5	.00	5 5.5	0 7.0	
		PA 7 _Q	*13		400	\$ 15°	2.5	* 0	* 10	*1.	*0:	+ ~	7.5	* ~;	43.	* 18	*		, 2,*	* 7.	3		3.0	0.5	3.5	2.	
	5		12 3	7 9	7 2	2	-5	7	9	5		۵	7	-9	9 /	1	3	~	,2	2	9	7	9	~	9	7	
		n Ou	`			1	90	6	3 /6	6/ 2	_	7	14			3 15	1,5	7	00	7	2	3 6	00	1 5	0//	4/1	
		Fam	- 5-1	5.5	53	5.5	- 53	53	53	42	* 2	33	2	33	33	, 33	32	33	140	7	53	153	15/	5	5	1-5	
		Ldm	7.5	7.5	-16.5	5.0	5.5	6.0	6.0	4.5	4.5	*°0			* -0 is	4.0	6.0	4.0	* ~;	3.5	¥ 7.	6.5	16.5	5.0	5.5	0.5	
		Vdm	5.0	4.0	4.5	4.0	3.0	4.0	4.0	3.0	2.5.	+ & 0	* &	*	*D,	2.5	₹.s.	4,5,6	+ ~g	1.5	7 %	5.0	4.5	3.0	3.0	3.0	
	. 5	₹ _Q	4	7	7	۲	૪	7	*	~	7	4	'n	7	7	7	7	8	\sim	4	~	4	٦	~	7	×	
(Mc)	2	Du	10	0/	01	11	000	12	18	16	13	7	7	~	イ	6 0	4	~	Υ	Μ	~	3	10	10	01	12	
		Fam	57	5-7	55	55	55	5.5	53	64	64	49	84	47	47	47	34	47	94	49	5-1	53	S	53	53	53	
Frequency		L-dm	2.0	4.5	* 00	5.5	7.5	3.5,	3.0	* ~	* C.	4.0	*w	₹W.	* 2.	* 62	4.0	4.0	3.5	400	* 60	* 0.9	46	* 15.5	*00	6.5	
adue		Vdm	5.0	4.5	6.0	3.5	6.0	4.5.	4.5	4.5	* 1.5	2.0	1,5	7.5	*~	4.0	2.5	₹. S.	2.0	4.0	40.9	4.5	4.5	407	\$5.0	40	
Fre	545	•	4	9	5	5,	7	9	ری	7	7	3		2	2	7	4-	4	ď	9	7	5	ω	4	4	~	
	.5	D	18	15	16	17	20	23	7	10	23	16		10	14	16	7	۲	15	0	6	/2	7	2	11	18	
		Fam	83	83	83	18	18	79	16	73	73	72	14	1/	11	11	16	11	73	18	83	80	18	85	63	2	
		L-dm	\$ 80	9.0	8.5	1/.0	* \2.5	¢ /0.0/	14.0	11.0		6.0	6.0	100	200	7.0	11.0	* //.o	10.0	*/	* (2.5	10.01	0.0/	7.5.	46.	9.0	
		Vdm 1	*0	6.0	6.0	¥ 00	9.5	7.0	11.0	15.5		3.0	4.5	\$ 0.5	6.0	2.5	3.0	7.0%	8.0	100		0.00	8.0	40.5	6.5	6.0	
	0	70	6	, //	9	8	9	51	8	7 4			00	7					8	7		/5_	10	00	7	6	
	. 16	Du	8/	15,	11	61	23	6	77	25			61	9					7	17	00	6	2	00	91	15	4
		Fam	101	103	101	00/	99	107	93	88	4	48	89	63	200	たべ	£00	87	89	93	97	101	101	101	10	103	3
		E p	0.01	10.5	11.0	13.0	11.5	13.0	/3.0	2.5				135	16.0	0.9/	/3.0	15.0		/3.5	/3.0	/3.0	0.0/	7.5	7.5 101 16	95 103 13	
		De Vam Lam	0.9	7.0 /	7.0.7	7.5- 1	7.5 /	8.5 4	1 5.8	10.	10.0 14.0	40.0/	13.0 13.0	# S.0/	120 %	11.5-11	8.5 /	45 1	10.0 13.0	10.01	10.01	9.0 /	6.5	15.5	5.0 %	6.0 9	1
		> 7a	7		7	=		* ~	5 8	5 9	* 1	00	1	* 12			72	5 4	00	7 9	9 10		4 6	7	3	5 6	1
	051	n _o	0	9	00	0/	=		6		100	18		6/	~		13 3	11 3	5	11	00	6	10	9		7	1
	ľ	Fam C	129	/3/	/3/	129		129	129	121	1150	1120			_		1/2//	1 601	1011	115	117	181	_	129	671	130 12	
		=	9.5 1	10.01			_	12.0 1			=				10.0/				==		7.5 11	==	=		8.0 1	8.0 1	C. a. A.S.
		Vdm Ldm			2.0/	0:// 0	0.01 0		8.0 11.5	5 11.0	5 11.5	5.// 6	0.11	12.0		5/0.5	2.6 0	0.60	0 60	0 8.5		5.5 8.0	4.0 6.5	0 7.5			70
		D1 V6	7.0		2.0	7.0	0.7	8,5		7.5	75,	2.0		,5.00	7.5-	7.5	2.0	6.0	6.	1.4	5:0			5.0	5.0	5.5	- Harris
	013		51	1,2	10		-			7	3	-	-	3		7	4		7 3	7	~	7		2	Ŋ	h 1	diam'r.
	·	0		7	7			12	7 9	2	9			9	0 %	_	6 9	50	7	2	9 4	9	4 6	5 9	9	5 4	
-		⁻ E	154					5/53	3 15-6	_	3 150	841			150	8 41	951	051		152	55/	451	154	157	155	1,55	L
(TS	٦) ا	Hou	8	ō	02	03	04	05	90	07	80	60	0	=	12	13	4	15	91	17	18	61	20	21	22	23	

E 4 5 4 5 5 6 6 5

 F_{am} = median value of effective antenna noise in db above ktb D_{u} = ratio of upper decile to median in db $D_{\mathcal{R}}$ = ratio of median to lower decile in db V_{dm} = median deviation of average voltage in db below mean power L_{dm} = median deviation of average logarithm in db below mean power

Station
NOISE
- RADIO
UES OF
R VALUES
MONTH-HOUR
MONT

New Delhi, India Lat 28.8 N Long. 77.3 E Month January 1961

1 1	_			سنتنا			[1				1							-		
		Ldm	3.0	3.0	3.0	20.00	3.0	3.0	3.0	3.5	4.0	5.0	5.	5.0	9.0	6.5	6.5	5.0	5.0	6.0	7.5	5,0	4.0	35	3.0	3.0
		Ndm	1.5	2.0	2.0	2.0	2.0	2.0	15.	2.5	35	3.0	3.5	3.0	5.5	4.5	4.0	3.5	3.0	5.0	5.0	3.5	35	0.0	2.0	3.0
		170	0	0	0	7	7	~	0	3		5	~	ن	4 3	7 7		۲	3	3	7	γ	~	ر.	0	7
	20	Du	v	3	00	,	~	۲,	9	6		2	7	6	7	9		7	7	-0	2	9	4	~	7	9
		Fam	25	25	75	2	7	7	7	29	29	27	7	30		29 "	29		29	0	31	29	29 "		ماكر	_
		==	5,			0 2	7	7	8	=	12 x	11.5 2	7.5 2	_	12.0 3	9.5	12.5 2	5. 29		5 29	==	7.0 3	=	5 27	===	5, 0,5,
		m Ldm	7	5 7.0	8.5	0:9	5 7.5	3.0	0.8	5.0	9	_	0 7	11.5				0 10.5	0 6.5	2.6/	14.5		5.0	2.5	6.5	6.5
		mp/	4.5	4.5	5.0	4.0	3	2.0	5.5	3.0	3.0	2:5	7.1	9.0	2.0	6.0	8.0	7.	~;	8.0	4.0	5.0	3.5	3.0	5.0	4.0
	10	De	4	~	5	+	7	7	8	4						7		2		7	3	5	4	h	5	7
		m _Q	6	11	11	12	1,0	7	7	4						/3		18		∞	8	00	7	7	7	00
		Fam	37	36	37	36	3	31	33	39	36	34	£	41	37	33	*5	37	£*	44	44	43	43	40	39	39
		Ldm	8,0	8.0	7.5	8.5	7.5	8.0	7.5	5.5	145	145	14.0	15.5	14.0	11.5	8.5	11.5	0//	9.5	7.0	8.5	9.5	6.0	8.0	9.0
		mp/	4.5	4.5	5.0	0.9	5.0	4.5	5.5	4.0	9.5	9.0	10.5	9.0	9.0	5.5	5.5	8.0	6.5	5.5	6.0	5.5	6.5	4.0	5:0	6.0
	5	Y _Q	*	4		9		4		6				9		9			00	7	12	ئ	11	2		2
		D _u	0	10		11		9		7				77		20			20	17	6	10	61	6		8
		Fam	53	55	\$3	555	23	15	1/2	50	39	32	33	33	3/	べん	479	*~	14	\mathcal{C}	57	55	50	51	75	53
		Ldm	11.0	10.5	12.0	13.0	12.5	14.0		12.5	13.0	14.0	10.0	7.0	2.0	13.0	7.5	0.0/	10.5	7.5	13.0	10.0	12.0	9.5	0.//	0.7/
		Ndm	6.5	6.5	6.0	7.0	8.0	9.0		9.5	9.0	10.0	6.5	4.5	4.5	9.5	4.5	4.0	6.5	6.0	7.5	5.5	7.0	6.0	6.5	6.5
	5	170	9	7	9	00	7	8	7	1	8	8	2	4	9	8	4	7	3	7	00	11	2	9	5	9
(Mc)	2.	Du	13	9/	8/	1	7/	81	16	8	9/	16	70	20	9/	17	34	25-	br	33	26	18	74	/8/	17	1/2
3		Fam	8-5	57 /	55	54	54	52	125	15	43	44	40	43	41	43/	42	420	hh	18	So	52 /	52	54/	1/2	55
5		Ldm F	* 0.0	11.0	10.01	9.5	* %	6.5	5.0	0	3.5	* 5.4	3.5	* S.S.	3.5	4.5	3.5	* 5	72.5	\$ 5.5	* 8.5-	A.S. 1.	0.01	18.5	4.0	75/
Frequency		V _{dm} L				_	+ 60.	0	* 0.5	* * * X	0		2.0 3	* 0.0	2.0 3	# /.5-	* 0.5 3.0 *	1.5.1 * B	2.0 3	0		\$ 0.0 \$ \$	6.5 10	* 2.5 8.5-8	*2 X	4.5
red	2	De Ve	6 50	10 6.5	6 70	6 6.5	72	8	7 × 2		*~	1.0	2			Λ.	+~	-		* (2)					ا تنصصت	
ш.	545			/ /	81		9			9 2	~	~		7	4 6	5		5	7 2	2 4	,	9 6	12	8	10	10
						14	~	9/	00	7	2	7	~		0 -	7		34	26	24	00	1	2	9	7	14
	•	D E	7	3 / ;		2	_	~	7	يخت	~		7	~		7	7	00			_	7		~	0	~
		Fam	83	83 /	19	79	80	66 .	177	11	67	67	- 67	19	99	19	42	68	20	17	18	196	81.	183	83	83
		Ldm Fam	7.5 83	8.0 83		13.0 79	15.0	* 00	9.0 77	يخت	8.0 6	15:0 6	11.5 67	* /0.5	4.0 6	5.5	9.0 \$7	10.01	14.5 70	12.0 77	17.0 81	15.0	11.0 81.	13.5	40.	120 83
		Vdm Ldm Fam	83		19		==		==	11	9	29		=	2	≡		2	20	17	18		81.	_		
		Ldm Fam	7.5 83	8.0	125 79	13.0	15.0	* 00	==	5:0 71	8.0 6	15:0 6	*//.5	* /0.5	4.0 6	5.5	10.	10.01	14.5 70	12.0 77	6 11.0 17.0 81	15.0	11.0 81.	13.5	40.	0 13.0
	. 160	Du Dr Vdm Ldm Fam	5.0 7.5 83	11 8 8.0 8.0	8 10 9.0 13.5 79	13 8 80 12.0	8 10 10.5 15.0	5 4 4 6.0 8.5	9 8 4.0 7.0	30 5:0 71	5.0 8.0 6	10.5 15:0 6	75 11.5	5.0 10.5	8 8 4.0 4.0 6	4 10 3.0 5.5	10.	10.01	14.5 70	19 18 90 120 77	14 6 11.0 17.0 81	7 7 10.0 15.0	6 6 75 11.0 81.	5 6 95 #35	3 8 6.0 90	11 6 7.0 12.0
	. 160	Fam Du De Vem Lem Fam	10 5.0 7.5 83	102 11 8 8:0 8:0	101 8 10 9.0 125 79	98 13 8 80 12.0	10 10.5 15.0	102 5 4 4 0.0 8.5	98 9 8 4.0 7.0	88 11 11 30 50 71	8 5.0 8.0 6	84 11 6 # 20 15:0 6	86 10 4 75 11.5	85 9 5 5.0 10.5	88 8 4.0 4.0 6.0 6	90 4 10 3.0 5.5	10.	\$ 5.0 10.0 6	88 14.5 70	94 19 18 90 120 77	98 14 6 # 0 17.0 81	98 7 7 10.0 15.0	100 6 6 75 11.0 81.	100 5 6 95 73.5	102 3 8 6.0 9.0	100 11 6 7.0 13.0
		Fam Du De Vem Lem Fam	103 7 10 5.0 7.5 83	102 11 8 8:0 8:0	8 10 9.0 13.5 79	98 13 8 80 12.0	102 8 10 10.5 15.0	5 4 4 6.0 8.5	9 8 4.0 7.0	13.0 88 11 11 30 5:0 71	8 8 5.0 8.0 6	84 11 6 # 20 15:0 6	86 10 4 75 11.5	85 9 5 5.0 10.5	88 8 4.0 4.0 6.0 6	90 4 10 3.0 5.5	\$6 40 70	\$ 5.0 10.0 6	88 14.5 70	94 19 18 90 120 77	98 14 6 # 0 17.0 81	98 7 7 10.0 15.0	100 6 6 75 11.0 81.	100 5 6 95 73.5	102 3 8 6.0 9.0	12.0 100 11 6 7.0 12.0
	. 160	Fam Du De Vem Lem Fam	103 7 10 5.0 7.5 83	102 11 8 8:0 8:0	135 102 8 10 90 125 79	125 98 13 8 80 12.0	8 10 10.5 15.0	102 5 4 4 0.0 8.5	13.0 98 9 8 4.0 9.0	13.0 88 11 11 30 5:0 71	135 86 8 8 5.0 8.0 6	84 11 6 # 20 15:0 6	86 10 4 75 11.5	85 9 5 5.0 10.5	88 8 4.0 4.0 6.0 6	90 4 10 3.0 5.5	140 86 40 90	\$ 5.0 10.0 6	10.5 14.5- 70	16.5 94 19 18 90 12.0 77	98 14 6 # 0 17.0 81	7 7 10.0 15.0	13.5 100 6 6 7.5 11.0 81.	5 6 95 #35	102 3 8 6.0 9.0	12.0 100 11 6 7.0 12.0
		Du Dr Vdm Ldm Fam	7 10 5.0 7.5 83	11 8 8.0 8.0	101 8 10 9.0 125 79	8.5 12.5 98 13 8 80 12.0	102 8 10 10.5 15.0	15.0 102 5 4 4 6.0 8.5	98 9 8 4.0 7.0	88 11 11 30 50 71	86 8 8 5.0 8.0 6	84 11 6 # 20 15:0 6	10 4 75 11.5	9 5 5:0 10:5	8 8 4.0 4.0 6	90 4 10 3.0 5.5	* 40 % 9.0 %	5.0 10.0 6	12.0 16.0 \$88 14.5 70	94 19 18 90 120 77	14 6 11.0 17.0 81	98 7 7 10.0 15.0	100 6 6 75 11.0 81.	100 5 6 95 73.5	102 3 8 6.0 9.0	100 11 6 7.0 13.0
	. 051 . 160	Dr Vdm Ldm Fam Du Dr Vdm Ldm Fam	8.5 130 103 7 10 \$ 0 7.5 83	9.0 145- 102 11 8 8.0 8.0	8.5 135 102 8 10 9.0 125 79	125 98 13 8 80 12.0	11.0 15.0 102 8 10 10.5 15.0	9.5 150 102 5 4 4.0 8.5	6 9.0 130 98 9 8 4.0 9.0	9.0 /3.0 88 1/ 1/ 30 5.0 71	9.0 135 86 8 \$ 5.0 \$0 6	6 13.0 17.0 84 11 6 70.5 15.0 6	7 40 180 86 10 4 75 115	4 *35 180 85 9 5 50 105	8 120 175 88 8 4.0 4.0 6	135 19.0 90 4 10 3.0 5.5	9 70 140 86 40 90	\$ 5.0 10.0 6	10 12.0 16.0 88 10.5 14.5 70	8 12.0 16.5 94 19 18 90 12.0 77	10.5 16.5 98 14 6 71.0 17.0 81	105/5.5 98 7 7 10.0 15.0	9.5 13.5 100 6 6 7.5 Tro 81.	7.0 12.0 100 5 6 9.5 13.5	60 115 102 3 8 6.0 9.0	7.5 12.0 100 11 6 7.0 12.0
		Du Dr Vdm Ldm Fam Du Dr Vdm Ldm Fam	4 4 85 130 103 7 10 5.0 7.5 83	7 5 9.0 145 102 11 8 8.0 8.0	7 4 85-135 102 8 10 90 125 79	6 4 65 45 98 13 8 80 130	7 4 11.0 15.0 102 8 10 10.5 15.0	8 4 9.5 15.0 102 5 4 4 0.0 8.5	5 6 7.0 130 98 9 8 6.0 9.0	7 6 9.0 13.0 88 11 11 30 5.0 71	8 7 9.0 13.5 86 8 8 5.0 8.0 6	6 13.0 17.0 84 11 6 70.5 15.0 6	12 7 40 180 86 10 4 75 115	17 4 *3.5 18.0 865 9 5 \$ * 0.05	14 8 7.0 17.5 88 8 4.0 4.0 6	8 6 135 190 90 4 10 30 55	12 9 * 0 * 40 86 * 40 9.0	\$ \$5.0 d.0 fg \$5.0 to 6	10 12.0 16.0 88 10.5 14.5 70	21 8 12.0 16.5 94 19 18 90 120 77	13 7 105 165 98 14 6 4.0 17.0 81	10 3 105 15.5 98 7 7 70.0 15.0	6 4 9.5 13.5 100 6 6 7.5 11.0 81.	5 3 7.0 12.0 100 5 6 75 73.5	3 2 60 115 102 3 8 6.0 50	3 4 7.5 12.0 100 11 6 70 120
O Company		Fam Du Dz Vdm Ldm Fam Du Dz Vdm Ldm Fam	130 4 4 85 130 103 7 10 50 75 83	129 7 5 9.0 145- 102 11 8 8.0 8.0	128 7 4 8.5 135 102 8 10 90 125 79	128 6 4 85 125 98 13 8 80 120	128 7 4 11.0 15.0 102 8 10 10.5 15.0	128 8 4 9.5 15.0 102 5 4 6.0 8.5	128 5 6 70 130 98 9 8 6.0 7.0	7 6 9.0 13.0 88 11 11 30 5.0 71	116 8 7 9.0 13.5 86 8 \$ 5.0 8.0 6	108 16 6 13.0 17.0 84 11 6 70.5 15.0 6	108 12 7 40 180 86 10 4 75 11.5	108 17 4 *35 180 85 9 5 50 105	11014 8 40 175 88 8 40 90 16	1/2 8 6 135 19.0 90 4 10 30 55	113 12 9 70 140 86 40 90	# # 10 0 10 0 10 10 10 10 10 10 10 10 10 10	10 12.0 16.0 88 10.5 14.5 70	21 8 12.0 16.5 94 19 18 90 120 77	118 13 7 105 165 98 14 6 # 0 7.0 81	10 3 105 15.5 98 7 7 70.0 15.0	124 6 4 95-135-100 6 6 75- 11.0 81.	126 5 3 70 120 100 5 6 75 735	128 3 2 60 115 102 3 8 6.0 90	130 3 4 75 120 100 11 6 70 130
II		Fam Du Dz Vdm Ldm Fam Du Dz Vdm Ldm Fam	12.5 130 4 4 8.5 130 103 7 10 5.0 7.5 83	130 129 7 5 9.0 145 102 11 8 80 80	12.0 128 7 4 8.5 135 102 8 10 90 125 79	13.0 (28 6 4 75 125 98 13 8 70 12.0	128 7 4 11.0 15.0 102 8 10 10.5 15.0	14.0 128 8 4 9.5 15.0 102 5 4 6.0 85	128 5 6 70 130 98 9 8 6.0 7.0	7 6 9.0 13.0 88 11 11 30 5.0 71	116 8 7 9.0 13.5 86 8 \$ 5.0 8.0 6	108 16 6 13.0 17.0 84 11 6 70.5 15.0 6	108 12 7 40 180 86 10 4 75 11.5	13.0 108 17 4 *3.5 18.0 85 9 5 5:0 10.5	11014 8 40 175 88 8 40 90 16	1/2 8 6 135 19.0 90 4 10 30 55	13.0 113 12 9 70 14.0 86 40 9.0	# # 10 0 10 0 10 10 10 10 10 10 10 10 10 10	10 12.0 16.0 88 10.5 14.5 70	120 114 21 8 120 165 94 19 18 90 120 77	118 13 7 105 165 98 14 6 # 0 7.0 81	10 3 105 15.5 98 7 7 70.0 15.0	124 6 4 95-135-100 6 6 75- 11.0 81.	126 5 3 70 120 100 5 6 75 735	10.5 128 3 2 6.0 115 102 3 8 6.0 9.0	130 3 4 75 120 100 11 6 70 130
i i i i i i i i i i i i i i i i i i i	. 051	Vdm Ldm Fam Du Dz Vdm Ldm Fam Du Dz Vdm Ldm Fam	8.5 12.5 130 4 4 8.5 130 103 7 10 5.0 7.5 83	9.0 13.0 129 7 5 9.0 145 102 11 8 40 8.0	8.5 120 128 7 4 8.5 135 102 8 10 90 125 79	9.0 13.0 128 6 4 65 12.5 98 13 8 80 12.0	9.5 13.5 128 7 4 11.0 15.0 102 8 10 10.5 15.0	9.0 140 128 8 4 9.5 15.0 102 5 4 4.0 85	95 140 128 5 6 90 130 98 9 8 4.0 9.0	9.5/3.0 122 7 6 9.0 13.0 88 1/ 1/ 30 5.0 71	80 11.0 116 8 7 9.0 13.5 86 8 \$ 5.0 8.0 6	8.5-11.5 108 16 6 130 170 84 11 6 105 150 6	9.0 12.5 108 12 7 4.0 18.0 86 10 4 75 11.5	9.0 130 108 17 4 * 13.5 18.0 85 9 5 5.0 10.5	100 140 110 14 8 120 175 88 8 8 40 9.0 1	100 145 112 8 6 135 190 90 4 10 30 4.5	40 13.0 1/3 12 9 \$ 0 14.0 86 40 9.0	\$ \$5.0 d.0 fg \$5.0 to 6	8.0 120 112 28 10 12.0 16.0 88 105 14.5 70	75 120 114 21 8 120 165 94 19 18 90 120 77	7.0 11.0 118 13 7 165 165 98 14 6 # 1.0 120 81	7.0 120 118 10 3 105/55 98 7 7 100 50	7.5-11.0 124 6 4 9.5-13.5 100 6 6 75- 11.0 81.	80 120 126 5 3 70 120 100 5 6 955 #35	7.0 10.5 128 3 2 6.0 115 102 3 8 6.0 9.0	7.0 11.0 130 3 4 7.5 12.0 100 11 6 7.0 120
1		Dr Vdm Ldm Fam Du Dr Vdm Ldm Fam Du Dr Vdm Ldm Fam	2 8.5 125 130 4 4 85 130 103 7 10 5.0 7.5 83	0 9.0 130 129 7 5 9.0 145 102 11 8 4.0 5.0	2 8.5 120 128 7 4 85-135 102 8 10 9,0 12:5 79	4 9.0 13.0 128 6 4 85 45 98 13 8 80 12.0	4 9.5 13.5 128 7 4 11.0 15.0 102 8 10 10.5 15.0	4 9.0 14.0 128 8 4 9.5 15.0 102 5 4 t.0 8.5	5 95 140 128 5 6 70 130 98 9 8 6.0 9.0	4 9.5 13.0 122 7 6 9.0 13.0 88 11 11 30 5.0 71	3 80 110 8 7 9.0 135 84 8 8 5.0 8.0 6	2 85-11.5 108 16 6 130 170 84 11 6 105 150 6	2 9.0 125 108 12 7 40 180 86 10 4 25 115	4 9.0 13.0 108 17 4 *3.5 18.0 85 9 5 \$50 10.5	3 100 140 110 14 8 120 175 88 8 4 4.0 9.0 6	4 100 145 112 8 6 135 19.0 90 4 10 30 4.5	2 70 /3.0 1/3 12 9 70 140 86 40 70 H	# # 10 0 10 0 10 10 10 10 10 10 10 10 10 10	2 8.0 120 112 28 10 12.0 16.0 188 105 14.5 70	3 75 120 114 21 8 12.0 16.5 94 19 18 90 120 77	4 7.0 11.0 118 13 7 105 165 98 14 6 # 0 17.0 81	2 7.0 120 118 10 3 105 15.5 98 7 7 1 tao to	3 75-11.0 124 6 4 95 135 100 6 6 75 Tro 81.	0 80 120 126 5 3 70 120 100 5 6 75- 735	2 7.0 10.5 128 3 2 6.0 11.5 102 3 8 6.0 9.0	3 7.0 11.0 130 3 4 7.5 12.0 100 11 6 7.0 120
	. 051	Du Dz Vdm Ldm Fam Du Dz Vdm Ldm Fam Du Dz Vdm Ldm Fam	6 2 8.5 125 130 4 4 8.5 130 103 7 10 \$0 7.5 83	6 0 9.0 130 129 7 5 9.0 145 102 11 8 4.0 8.0	4 2 85 120 128 7 4 85-135 102 8 10 90 125 79	3 4 9.0 13.0 128 6 4 65 45 98 13 8 80 12.0	4 4 9.5 13.5 128 7 4 11.0 15.0 102 8 10 10.5 15.0	4 4 9.0 140 128 8 4 9.5 15.0 102 5 4 4.0 8.5	4 5 95 140 128 5 6 40 130 98 9 8 6.0 9.0	4 4 9.5 13.0 122 7 6 9.0 13.0 88 11 11 30 5.0 71	4 3 20 110 116 8 7 9.0 135 86 8 5.0 8.0 6	6 2 8.5 11.5 108 16 6 13.0 17.0 84 11 6 10.5 15.0 6	5 2 9.0 125 108 12 7 4.0 18.0 86 10 4 75 11.5	5 4 9.0 13.0 108 17 4 *35 18.0 85 9 5 \$ 50 10.5	5 3 100 140 110 14 8 120 175 88 8 4 40 9.0 6	5 4 100 145 112 8 6 135 190 90 4 10 30 45	2 2 2 40 13.0 113 12 9 70 140 86 40 40 9.0	10.0 14.0 112 15.0 \$1.0 87 5.0 10.0 6	4 2 8.0 120 112 28 10 12.0 16.0 88 to 105 14.5 70	3 3 75 120 114 21 8 120 165 94 19 18 90 120 77	0 4 7.0 11.0 118 13 7 165 16.5 98 14 6 #10 17.0 81	3 2 7.0 12.0 118 10 3 105 155 98 7 7 100 15.0	2 3 75 11.0 124 6 4 9.5 135 100 6 6 75 Tro 81.	4 0 80 120 126 5 3 70 120 100 5 6 95 435	4 2 70 6.5 128 3 2 60 115 102 3 8 6.0 9.0	3 3 70 11.0 130 3 4 7.5 12.0 100 11 6 70 120
(15)	. 013 . 051 .	Dr Vdm Ldm Fam Du Dr Vdm Ldm Fam Du Dr Vdm Ldm Fam	2 8.5 125 130 4 4 85 130 103 7 10 5.0 7.5 83	0 9.0 130 129 7 5 9.0 145 102 11 8 4.0 5.0	2 8.5 120 128 7 4 85-135 102 8 10 9,0 12:5 79	4 9.0 13.0 128 6 4 85 45 98 13 8 80 12.0	4 9.5 13.5 128 7 4 11.0 15.0 102 8 10 10.5 15.0	4 9.0 14.0 128 8 4 9.5 15.0 102 5 4 t.0 8.5	5 95 140 128 5 6 70 130 98 9 8 6.0 9.0	4 9.5 13.0 122 7 6 9.0 13.0 88 11 11 30 5.0 71	3 80 110 8 7 9.0 135 84 8 8 5.0 8.0 6	2 85-11.5 108 16 6 130 170 84 11 6 105 150 6	2 9.0 125 108 12 7 40 180 86 10 4 25 115	4 9.0 13.0 108 17 4 *3.5 18.0 85 9 5 \$50 10.5	3 100 140 110 14 8 120 175 88 8 4 4.0 9.0 6	4 100 145 112 8 6 135 19.0 90 4 10 30 4.5	2 70 /3.0 1/3 12 9 70 140 86 40 70 H	# # 10 0 10 0 10 10 10 10 10 10 10 10 10 10	2 8.0 120 112 28 10 12.0 16.0 188 105 14.5 70	3 75 120 114 21 8 12.0 16.5 94 19 18 90 120 77	4 7.0 11.0 118 13 7 105 165 98 14 6 # 0 17.0 81	2 7.0 120 118 10 3 105 15.5 98 7 7 1 tao to	3 75-11.0 124 6 4 95 135 100 6 6 75 Tro 81.	0 80 120 126 5 3 70 120 100 5 6 75- 735	2 7.0 10.5 128 3 2 6.0 11.5 102 3 8 6.0 9.0	3 7.0 11.0 130 3 4 7.5 12.0 100 11 6 7.0 120

 $F_{\rm cm}$ = median value of effective antenna noise in db above ktb $b_{\rm u}$ = ratio of upper decile to median in db $b_{\rm g}$ = ratio of median to lower decile in db $V_{\rm cm}$ = median deviation of overage voltage in db below mean power $L_{\rm cm}$ = median deviation of overage logarithm in db below mean power

Station Ohira, Japan
NOISE
RADIO
P
VALUES
MONTH-HOUR

Month December 19 60

Lat. 35.6 N Long. 140.5 E

		Mp- mp/	3.0	5.0	3.0	3.0	2.5	3.0	3.5	2.0	¥ 7.	* 0.9	* 12	5.0	\$:0	4.5	5.0	4.5	4.0	5.0	5.0	4.0	30	3.0	3.0	3.5	
			1.5	1.5	7.5	1.0	1.0	1.5	2.0	2,5	* 4	*5.	12.	2.5	3,5	2.5	3.0	2.0	2.0	30	2,5	2.0	7.5	7.5	7.5	1.5	
	0	7 0	7	۲	イ	0	9	0	٥	7	00		15	00	7	0/	~6.	9	7	~	5	٦	7	4	7	4	
	7	Du	0	0	0	0	0	જ	7	ત	20		7	24	1/6	0/	18	16	18	18	18	15	6	11	6	10	
		Fam	he	he	74	he	44	24	74	76	795	47	38	30	30	34	38	32	30	28	49	7	26	24	44	40	
		Ldm	4.0	\$ 5.	*(2)	ارج ارج برک	* 1/2	* 5.0	\$.0	7.0	7.5.	* /6.5,	* 00	+ 0	* 6.5	2,0	7.	6.0	6.0	7.0	4.5	6.0	* 5.5	6.5	\$.0	6.0	
		Vdm	\$ € 0	3.0	*~~	3.0	*.5.	*°°°	+ 6.	* 7.	5.0	100	45.0	6.0	40	*~; `~	5.0	3.0	* 7.	4.5	2,5	3.0	3.0	4.0	12	3.0	
	01	7 _Q	00	//	9	h	7	3	9	7	00		00	2	9	00	5	9	7	0/	12	~	6	9	6	6	
		n _o	7	7	14	10	0/	2	ィ	7	00		9	~	7	0/	1	0	6	08	10	00	1	0/	د/	4/	
		Fam	40	1/1	200	34		34	140	38	36	42	32	30	28	30	34	40	44	50	47	94	46	42	42	42	
		up-l	7.5	12.8	9.0	7.5	0 9.5	13.0	15.0	10.5	5.01	10.0	* 10.5	10.0	# -	46.	8.0	10.0	x /3.0	13.5	4 /3.0	4//.5	0 14.0	7.5	11.0	7.0	
		mp∧ ;	4.5	4.5	5.0	4.5	3.	7.0	\$00	4.0	6.5	70.	7.5	* 0	7.5	*0	\$ 0.0	6.0	4.5.5	70.	8.0	*1.0	*0°	7.0	6.0	4,0	
	5	Z _Q	5	2	7	7	72	7	<u>۰</u>	7	8	9	-9	8	~	\sim	9	9	4	7	12	00	7	7	7	00	
		n Ou	30	3 4	3 7	9 0	90	1 7	2	2 3	00	6	0	2	00	0	h 4	0/ 0	1 8	1 10	79	9 0	2 9	7/2	// /	1/10	
		m Fam	- 49	64 6	2 48	0 50	0 50	2,	77 0	84	36	32	30	0 30	0 29	5 30	34	0 36	5.4	PS 0	5 37	09 0	5 62	62	190	5 54	
		mp-1 m	5/25	11.0	*0:	0 10.0	0 180	× 19	0.90		0 75	0 7.0	0 % 0	0.8.0	0.11.0	P 4.5.	5.85	0 9.0	0.01 0	5.0 8.0	2.50	0.7.0	0 7.5	0 8.5	0 14.0	5.0/ 5.	
	5	De Vam	4.5	75	5.0	*-0	11.0	* //	#W.	7	* 12	+2.	5.0	e*	*00	فدي	* 5.2	و	1 8.0		5.0	1 40	5.0	7	*8.0	e *	
(C)	2. 5		11 6	9	5 3	5	9 6	7 ~	8 8	7 1	7 2	9 2		7	7 6	0	0 2	6 3	7 6	7	9 6	11 4		00	9 01	10 6	
(Mc)		Fam Du		53 1		7		2/2	8 64		3	33 6	~		33	3 /	32 /	3	40	45 1	7	1 64	51 11	3 9	1 65	53 /	
Ç		Ldm Fc	19.0 53	==	0 53	52 0%	17.0 53	* 5.01	18.0 4	13.5 4	5,	12.0 3	14.0 \$32	5 33	10.01	* 5.5/	\equiv	0 3	10.01	0	13.5 4	=	7.5 3	20.0	2 5.11	12.5 5	
Frequency		Vdm Lc	* * * /0.0/	8.5 16.0	0.810	0	5	* 0.9 6.0 10.	4 * 10.0/	0	0 /2.5,	0	* 0.0/	20 45	9	* 0./	* 6.0 *	× 2.	0	× 1/2	8.0 13	5.5 10.0	0	+ C2	5 //	0	
Freq	5		* 10	3	5	4 9.	3 10.	6 *	4 9	3 8.2	*6.	*1.	*2	7.8	4 5.	7/	9 *	5- x	4 6	8 7.5	8	5 + 2	* 8	e+	5- 1	\$ Co	
	. 545	n _o	7 4	00	3	7 6	0/	10	10 1	7	00		·	, 0/	7 /	7	9	5 5	2	7 8	9	9 6	4	0	10	00	
		Fam	83	18	83	18	17	17 /	73 /	60	67	42	59	67	71	11	71 1	20	111	85'	87	58	89	68	1 68	16	
		Ldm	17.5	17.5	0.0	19.5	30.0	21.5	9	* /5.0	* 15:5/		240		/3.0	9.6	0	10.01	14.0	12.0		19.0	0.00	0.00	19.0		
. :		Vdm L	* 4/	10.01	12.0 2	11.5 11	11.5	130 0	* * 19.0/	40.6	* 2.01	16.0 21.0	* 2.51	10.014.5	10.01	1/2	40 14	5.5 11	¥ 0.6	8.0 1	13.0 21.5	13.0/	13.0 2.	12.5 2	10.5	12.0 20.0	
	0	DZ	* 7	4	5	4	1 9	9	6	46	00	,	13 *	· e	5 1	200	7 4	0/	101	9	7 /	4	10/	00	5 /	00	
	.160		00	5	7	9	7	00	7	11	41		6		17	0/	(3	10/	16	14	۲/	4	10	2	/۲	00	٩
		Fam Du	105	105	105	105	105	101	63	63	18	79	00	87	18	38	29	83	95-	16	86	66		103	401	107	ove k
			21.0		0.61			15.0 23.0	0.61	021	15.0		4.00	*3	23.0	* 50.0%	17.0	16.0					4 11.0 19.0 103				db ab
		mp mp / Tqm	13.0 21.0	11.5 19.0	12.5	11.5 19.5	13.0 21.0	15.0	13.0 19.0	12.0 17.0	10.0 15.0	16.0 21.5	14.5	16.0 23.5	6 140 22.0	13.0 20.0	11.5 17.0	11.5 16.0	13.0 18.0	14.0 20.5	11.0 18.0	12.5 20.0	11.0	12.0 20.5	12.0 19.5	0.0/	ie in
	051	70	4	15	4	4	4	7	5	12	7	4		e	9	و_	7	7	9	~6	4	4	4	7	3	4	a nois
	0	Du	þ	5	6	ħ	9	7	4	9	10	9		2	00	00	7	2	00	10	3	9	00	7	8	6	untenn
		Fam	128	128	128	881	126	401	811	الم	+01	801	<i>†11</i>	13	711	1/2	1/2		801	114	124	126	126	90/	126	126	tive
		E P	7.0 10.0	5'//	8.0 12.5	80 12.0	15.0	9.0 IHS	10.0 15.0	9.0 14.5	0.71 0.11	10.0 14.5	13.0 18.0	18.5	4.0 17.0	11.5 16.0	12.0 16.5	11.017.0	10.01	10.0 15.0 114	10.5 16.0	-5.9/	10.5 16.0	9.0 14.0	80 120	8.0 13.0 126	effec
		Dh Vdm Ldm		20	8.0	8.0	10.0	9.0		9.0	0//	0.01	13.0	13.0 18.5	4,00	1.5	12.0	0 //	0.01	0.01	70.5	10.5	10.5	9.0	0.8	8.0	ue of
	.013	_	4	0	8	~		~	9	*	べ	,2		m	7	7	م	8	1	4	8	5	9	~	ょ	ィ	DA UD
	0.		7	3			7	7	7	r		12		~	7	8		4	7	8	2	3	٦	~	4	4	Fam = median value of effective antenna noise in db above ktb
		am	151	151	157	151	151	151	157	149	641	841	*,51	841	641	541	641	641	561	15/	15/	(52)	153	757	151	23 /57	II WO
(TS	د (٢:	noH	8	ō	8	03	04	05	90	07	80	60	0	=	12	13	14	15	91	17	18	61	20	21	22	23	

 $T_{\rm cm}$ = median value or strective diviend noise in ab above ktb $D_{\rm u}$ = ratio of upper decile to median in db $D_{\rm g}$ = ratio of median to lower decile in db $V_{\rm dm}$ = median deviation of average voltage in db below mean power $L_{\rm dm}$ = median deviation of average logarithm in db below mean power

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61			Vdm Ldm	3.0	3.0	3.0	2.5	1,2,	3.0	3.5	3.5	5.5		03.5	9.0	7.5	5.0	5.5	0.0	5.0	3.0	35	15.	4.0	3.0	3	3.0	
9 61				1.5	1.0	2.0	1.0	1.5	1.0	2.0	2.5	1,5.		à	9	5.5	2.0	3.0	5.0	3.0	1.5	1.5	3.0	2.0	1,5	12.	°.°	
		20	7 _Q	7	~	_	_	0	0	0	0	76		7	10	1,2	7	2	7	7	7	3		7	7	~	૪	
lary			Du	٦	3	0		ィ	٧	4	4	~		/3	10	2/	2/	2	~	14/	2	10	10	7	~	7	٦	
January			Fam	74	24	25	ケイ	44	74	μć	ケイ	26	₹ ₹	35	34	29	28	20	28	28	36	76	24	44	46	26	2	
•			Dr Vam Lam	2.0	2.5	6.5.	2.5	4.0	4.0	3.0	0.01	8.0			2.0	7.5	11.5	6.5	9.0	0.0/	10.0	9.5	11.0	7.5	9.0	0.8	6.5	
Month			*wp∕	1.5	3.5	5.0	6.0	35	2.5	1.5	45	0.9			4.0	3,5	9.0	4.0	5.0	6.0	7.0	6.0	7.5	4.5	7.5	4.п	4.0	
Σ		0	Ya	4	6	7	7	ત	ィ	٦	د	7			ィ	7	η	00	9	00	3	00	0	`	9	2	14	
5 日		_	Du	10	্	14	6	9	4	7	10	1			9	٠	4	9	8	9	73	00	7	~	6	10	10	
140.			Fam	37	36	35	33	3/	3/	33	39	35	* 32	+5	29	29	30	35	39	43	43	47	97	45	1/2	39	37	
			Vdm Ldm	9.0	0.0	10.0	2.01	9.0	12.5	76.5	2.41 5.6	8.5	0.01 0		8.0	7.5'	7.5	8.5	6.5	14.0	9.0	9.0 14.0	12.0	14.0	041	14.0	4.5	
P P			*up/	6.0	3:0	6.0	7.0	5.5	7.5	11.0	9.5	0.9	2.0		5.0	4.0	5.0	2.5	4.0	8.5	6,0	9.0	7.5	8.0	2.5	10.5	0.0	
6 N Long.		20	Ža	4	10	7	80	7	7	7	7	9	ィ		٦	べ	ħ	~	7	9	000	9	1	د	10	9	2	
35.			n _Q	7	9	12	9	7	12	10	6	و	1.1		%	7	10	%	∞	10	7	9	9	6	10	1	/3	
t i			Fam	49	49	64	47	47	63	53	5.2	37	31	*8	29	29	3,	3,	35	47	5.5	23	79	19	65	19	6.0 10.0 57	
			Vdm Ldm	12.0	10.5	0.11	0.01	11.5	10.5	7.5	9.5	14.0	10.0		6.0	10.0	7.5	5.5-7.5	8.0	13,5	0.0/	9.5	9.5	12.0	8.5	2.0	10.0	
			√up∧	8.0	2.0	6.0	15:5	2.0	7.5	5.0	6.5	8.5	6.0		4.0	2.0	5.0	5.5	2.5	9.5	7.0	7.0	7.5	80	6.0	6.0	6.0	
Japan		٠,	7 _Q	9	0	6	00	20	0	7	کم	n	3		~	7	و	\sim	9	~	12	e	6	. 2	10	9	00	
Ja	(Mc)	2	Du	10	10	٦	10	7	16	00	000	7	7		2	∞	00	1	10	10	6	10	1	0	10	6	0	
Ohira,			Fam	49	49	50	64	50	49	45	42	34	34	35	33	35	35	34	35	37	4	47	49	51	51	15	5	
Ö	Frequency		Ldm	20.0	20.00	\$0.00	+ 2,0	23.0	18.0	19.5	14.5	* (5.5/		4.5.5	18.0	11.5	40.6	# /3.5	\$ 50	23.0	× 18.0	11.0	10.0 14.0	13.5	13.0 16.0	* /6.5	19.0	
o G	nbe		da,	+/3.0	13.0	12.0	15.0	11.5	4,3.0	4/5.5	* /3.5/	10.		*8 N	13.0	20.7	5.0	8.5	+	16.0	10.0	\$00	10.0	140	13.0	*15.	10.0	
Station	F	545	0	7	7	•	00	00	00	<i>ا</i> د	7	7		ィ	3	9	る	7	7	9	6	00	9	12	00	9	00	
O)		.5	۵	10	77	0/	10	14	10	10	2	4		9	6	7	7	7	9	10	7	۲/	0	00	0	7	7	
			Fam	80	18	28	28	76	28	76	11.0 68	10	4 67	89	99	72	89	12	72	72	86	85	200	18	88	90	42	
NOISE			D& Vdm Ldm Fam	21.0	0.16 21.0	0.10	12.5 21.0	19.0	19.0	2.5	0.//			8.5	20.0	2.5	16.0	ه.مر	15.0	14.0 22.5	10.5 15.5	18.0 24.0	2.16 0.51	14.5 21.0	14.5 22.0	18.5	0.cc 5.//	
9			*wp∧	W.5	12.5	15.0	12.5	11.0 19.0	10.5	17.5	2.0	19.5		5.0	14.0	18.0	9.0	0.01	8.5	14.0	10.5	0.8/	15.0	14.5	14.5	9.5		
		160	70	3	8	0/	10	7	h	h	9	8			00	000	0/	h	13	8	9	10	9	7	0	Òo	000	
ADIO		16	Du	∞	∞	1	9	12	14	4	151	100			13	~	/3	20	/3	20	10	9/	14	8	∞	9	10	4
8			Fam	103	103	103	103	100	6	8	11	19	the +	73	75	75	17	1/	80	79	85	23	95	63	101	103	103	Posto
F			Dr Vdm Ldm Fam	12.0 22.0	# # 14:0 103	17.0 24.0	0.00 3.61	11.0 17.5	15.0 23.0	7.5 12.5	13.0 20.0	+ + 13.0 17.0	20.0 30.0 44		15.0 24.0	6 16.0 23.0	15.0 22.0	18.5 A3.5	180 23.0	13.0 17.0	15:0 21.0	15.0 21.5	13.5 20.0	14.5 22.0	2.00 acl	13.0 21.0 103	5- 145 20 103	4
6			Mp/	₹ 3. 0	14.0	17.0	12.5	4//.0	4.5%	7.5	/3.0	÷ 6.8/	20.00		4/5.0	+	15.0	78.5	180	13.0	15:0	15.0	/3.5	14.5	27	13.0	14.5	90
Ä		051	70	9	7	4	7	h	ħ	00	6	0	12		9		9	6	7	7	3	9	7	0	~	7		000
7		0	0	7	9	6	9	~	08	10	3	00	20		00	6	7	10	10	13	10	1	00	7	00	00	5	anton
>			Fam	128	126	126	126	he/	401	120	115	801	501	£0/	801	801	108	801	101	106	7/2	120	123	122	124	104	127	ativo
民			Ld _m	14.0	10.5 16.0 126	12.0 18.0	9.0 14.0	4.5 14.5	4 to 13.5 18.0 124	7.0 15.0	4.5 4.5	11.0 16.0	14.5 20.0 105 20		125 17.0 108	15:0 21:0 108	15.0 21.0 108	125 190 108 10	15.0	12.0 17.5 106	9.0 14.0 112	11.0/6.0 120	10.5/1.0 122	11.0 17.0 122	120 17.0 124	9.5 14.0 124	8 11.0 16.0 127 5	مو موقمدهاس
₫			DA Vdm Ldm	11.5 11.0	\$ 10.5	12.0	9.0	*0. .s.	73.5	7.0	4,5,	1/0	14.5		125,	15:0	15.0	13.5	45,	13.0	9.0	11.0	10.5	11.0	130		11.0	110
+		013		2	e	9	00	00	9	S	3	و	00		7	7	3	7	7	8	h	00	7	1	9	7		071 012
F		0	o.	7	7	<i>∞</i>	7	1,5	~	7	0	2	12		2	7	و	9	7	00	9	9	4	7	7	2	4	Pode
MONTH-HOUR VALUES OF RA			Fam	148	64/ 10	147	157	641	05 149	149	24/ 70	147	66/ 60	*	145	12 145	SHI	14 145	LHI	16 145	CHI	151	151	151	641	641	23 151 4	L
Σ	(TS	7) 4	noH	8	0	8	03	04	02	90	07	80	60	0_	=	12	13	14	15	91	17.	18	6	20	2	22	23	

 $F_{\rm dm}$ = median value of effective antenna noise in db above ktb $D_{\rm u}$ = ratio of upper decile to median in db $D_{\rm c}$ = ratio of median to lower decile in db $V_{\rm dm}$ = median deviation of average voltage in db below mean power $L_{\rm dm}$ = median deviation of average logarithm in db below mean power

Station Ohira, Japan
NOISE
RADIO
S OF
VALUES
MONTH-HOUR

Month February 19 61

Lat. 35.6 N Long. 140.5 E

		Vdm Ldm	2.5	2.0	2.0	3.5	3.0	3.0	3.0	13.	3	* °°	40		* J.	4.0	4.0	4.0	4.0	4.0	3.5	3.0	3.0	3.0	3.0	ار ارد	
		Ndm Vdm	1.0	5.0	1.0	2.0	1.5	2.0	1.5	2.0	1.5	*	# 2	* 0.8	2.0	2.5	2.5	* ~	2.0	2.0	1.5	1.5	1.5	1.5	1.5	1.5	
	0	70		0	۲	٧	ત	4	7	κ	4		4	٦	ィ	ч	~	7	ત	7	Q	4	0	7			
	20	Du		1	0	0	0	0	1	ત	3		10	80	4	٦	29	5	9	3	م	1	2	0			
		Fam	24	44	26	26	26	26	26	36	26	84	26	26	36	26	26	26	28	26	po	44	24	40	* 24	24	
		Vdm Ldm	5.0	7.0	5.0	5.0	3.5	3.5	4.0	6.0	0.0/		2.61		6.0		3.5	7.0	4.5	* N.Y.	6.5	5.0	7.0	6.5	4.0	6.0	
		Ndm Vdm	7.5	5:0	45.5	4.0	4.0	2.0	4.0	45	6.5.		7.0		3.5,		2.0	5.0	2,0	ナダ	4.0	3.0	4.5	4.0	* /.5	3.0	
	0	DE	7	7	10	9	7	1	9	8	7	~	7	4	2	4	9	~	~	~	1,5	5	7	7	6	و	
	10	Du	2	11	01	9	6	13	7	5	+	12	01	18	10	9	5	3	2	~	3	5	5	2	7	10	
		Fam	41	1/1	38	39	33	33	39	39	37	35	33	33	31	33	35	39	14	8 /2	84	47	47	43	45	14	
		mp-	9.5	0.01	* 00.5,	* 0.0	7.5	14.0	12.0	5:0	4.0	9.0	6.0	8.0	9.0	7.0	8.0	7.0	14.5	3.0	8.0	14.5			9.0	0.0/	
		De Vam Lam	6.5	6.5	4 6	* 6	4.5	9.0	7.0	*χ	4.0	7.5	.× Ω. .∨.	6.0	\$.0	\$50	4.5	5.0	10.0 14.5	4.5	\$ 50	95-			2:0	6.0 10.0	
		Za	10		4	10	7	12	9	7	78	4		γ	7	12	7	7	4	7	5	5	00	9	7	12	
	5	D _O	2	12	6	10	16	6	8	00	00	7		00	10	00	8	8	11	(3	/3	7	9	7	1		
		Fam	55	5-6	15.5	54	57	89	5.5	47	37	33	*>	3,	33	35	35	37	43	49	54	67	69	71	49	8.0 13.0 56 16	
		Vdm Ldm Fam	13.0	10.0	11.5	8.0	/3.0	16.0	9.0	13.5	11.0	2.0		7.0		10.0	2.0	6.5	9.0	1.5	15:0	10.0	7.5 11.5	0://	7.5 11.0 64	13.0	
		Ndm Vdm	8.5	7.0	2.5	4.0	0.8	10.0	3.5	9.0	8.0	4.5		5.0		5.5	4.5	4.0	6.0	8.0	11.0 15:0	6.0	7.5	75	7.5	8.0	
	70	De l	4	5	2	7	9	15	3	ч	٨	~		۲.	7	4	9	۲	٦	7	7	ری	7	7	+	7	
(Mc)	2	Du	0/	6	6	11	20	70	9	9	7	ィ		00	00	۵۵	90	8	7	14	/3	13	10	11	7	/3	
		Fam	15	53	34	5	\mathcal{C}	Ç	49	39	35	35	35	33	35	37	36	35	39	44	47	50	53	53	5-3	22	
Frequency		Vdm Ldm	0.9/	15.0	0.9/	18.0	18:5	4.0	* (5.0	* 0.0	* //.5	11.0	* /0.5	4.0	* 5°	× 10.5	4.0	11.0	10.0	100 19.0	12.5	8.0	14.0	4.5.	4.0	16.0	
dae		Vdm	9.0	9.0	500	1.0	/3.0	14.0	8.0	25.	7.0	4.5	6.5	6.0	5.5	6.5	7.5	10.	4.5	10.0	\$0.0	\$.0	40.0	4.0	±00	4.5.	
Fr	545	J _Q	7	7	7	00	90	7	8	76	c		8	4	9	h	7	4	4	o	9	00	00	00	10	6	
	. 5	Du	10	/2	12	00	10	7	4	h	8		1/7	7	~	72	00	16	77	10	00	4	6	8	0	7	
		Dr Vdm Ldm Fam	80	80	80	8	80	19	16	89	89	89	89	99	77	89	89	77	70	48	24	88	68	90	46	46	
		Ldm	12.0 18.0	18.0	20.0	30.0	13.0 20.0	0.61	12.0 020.0	16.0	0.81			17.0	*/6.5	4/9.5	4.0	12.5	14.0	* 51.5	200	300	15.5	18.5	0.8/	0.81	
		Vdm	12.0	11.5	13.0 20.0	13.5	± /3.0	11.5 19.0	12.0	15.	12.0 18.0			* 14.5	4/3.0	16.0	9.0	9.5	7.5	100	13.0	* 13.5	9.5	0.7	0.//	13.0 18.0	
	160	70	9	5	9	9	00	<i>></i> ₀	10	90	0/	P	10	7	9	8	9	10	6	10	7	5	00	7	7	12	
	7	O	7	6	8	00	9	0	10	14	8	7	10	17		17	12	10	۲۲	1	へ	/3	10	7	01	7	
		Dr Vdm Ldm Fam	19.5 106	106	ho/	hol	hal	00/	90	08	84	18	80	78	18	19	18	11.5 17.0 84	85	89	96	97	100	107	01 201	ho/	
		Ldm	19.5	11.0 17.0	401 251 0.Cl	13.0 19.0 104	19.0	11.0 16.0	14.0000	13.0 18.0	12.0 15.0	15.0 18.5	11.0 15.0	18.0	13.0 17.0	15.5 19.5	13.0 17.0	17.0	18.0 18.0	14.0 19.0	12.0 18.5	12.0 19.0 97	11.0 18.0	11.0 17.5	120 18.5	18.0	2
		ΜþΛ	12.5	11.0	0.0	13.0	/3.0	11.0	14.0	13.0	12.0	4.0.5/	# 11.0	135	13.0	* 15:5	13.0	11.5	* 15.0	14.0	12.0	12.0	11.0	11.0	12.0	11.5	٠
	051	7 _Q	4	7	4	7	e	4	4	98	00	17		h	7	9	4	4	h	6	2	4	12	Ч	9	4 4 11.5 180 104 12	
	0.	Du	4	1	5	9	4	4	8	01	00	7		6	ィ	1	9	9	00	13	S	9	5	9	9	7	-
					7	97	128	126	811	114		108	400	0 //	112	411	1/2	7/1	011	115	811	124	125	126	128	128	. 14
		T _P	128	129	127	-7								0	5		15	0	0	,2	0	5.	0	=		,0	
		Ldm Fam	15.51	=		15:0 13		15:5-		16.0	17.0	19.0	+ 000	20.	0.	180	18	17.	7	12	7	17	17.	16.0	15.	35	ľ
		Vdm Ldm	15.51	Per -54 0.01	11.0 16.0 12	10.0 15.0 126	11.0 16.0 1			11.0 16.0	12.0 17.0	13.0 19.0	+ 13.0/8.0	14.0 20.0	14.0 19.5	13.0 18.	12.5 18.5	11.0 17.	11.0 12.0	10.0/5.5	10.5 17.0	11.5 17.5	11.0 17.	11.0 16.0	10.01	11.0 15	1
	3	mp mp 7	361 251 201 8	=		2 10.0 15.0 15		2.5/ s.a/ A		2 11.0 16.0	A 12.0 17.0	4 13.0 19.0	* * /3.0/8.	2 14.0 20.	3 140 19	3 13.0 18.5	1 12.5 18:	2 11.0 17.0		2 10.0/15	71 S.01 6	2 11.5/17	4 11.0 17.0	a 11.0 16.0	3 10.0 150 128	3 11.0 15.0 128	7 7 1 1
	.013	mp mp 7	3 3 10.5 15.5	2 3 10.0 Kg	4 3 11.0 16.0	4 2	4 4 11.0 16.0	2.5/ 5.0/	1.0 16.5		7 7	h h			5 3	y 3	3 /	7 8	7 7	4 2	4 2		4 4	=			A. A
	.013	mp mp / Ya	3 10.5 155	3 10.0 /15	3 11.0 16.0	۲	4 11.0 16.0	2.51/2.01 A	7 11.0 16.5	٧	4	4		٦	3	9	/	7	4	જ	8	۲	7	٦	2	~	A. A

 F_{am} = median value of effective antenna noise in db above ktb D_{u} = ratio of upper decile to median in db $D_{\mathcal{A}}$ = ratio of median to lower decile in db V_{dm} = median deviation of average voltage in db below mean power L_{dm} = median deviation of average logarithm in db below mean power

ong. 28.3 E
Lat. 25.8 5 Long
Station Pretoria, S. Africa
NOISE
OF RADIO
VALUES
MONTH-HOUR VALUES

09 61

Month October

Frequency March			Ldm																									
Color Colo			Vdm																									
Color Colo			70													٦	m	3		2	7		4	7				
Color Colo),	Du													9	4	0		4	~		٣	4				
13 13 14 15 15 15 15 15 15 15			Fam	*	+8	*8	49	6/	19	23	+ ~	243	80	*	+ 2	61	77	25	27	49	39	407	29	49	45	* M	* 3	
Color Colo			E P																									
113			mp/																									
Color Colo		_	De														10			14	77		14					
District		-	no														0/			00	9		8					
District			For	*	43	39	39	35	40	23	+2	45	* t	* 10	4.9	78	2	*5	73	43				47	43	39	29	
Color Colo			Ldm																									
Prequency (MC) No. 113 No. 1246 Sts.			mp/																									
Do Do Volm		l u															٠,	10			26	%	80					
S 113 1246																	17	6				0		10				
S 113 1246			Fam.	*12	* 22	*12	+15	\$0	+15	38	33	12	+×	7,7	+2 2	* 50	2	200	*2	*7	5.4	50	55	e'	é.	*25	58	
13 13 14 15 15 15 15 15 15 15			Ldm																									
13 13 146 1546 1545			Vdm																									
13 13 14 14 15 15 15 15 15 15			10 Y																									
13 13 14 14 15 15 15 15 15 15	MC)														_					2	U 20			_	_			
Du Di Vam Lam Fam Di Vam Lam Fam Di Vam Lam Fam Du Di Vam Lam Fam Di Vam Lam Fam Du Di Vam Lam Fam Pari Pari Pari Pari Pari Pari Pari Pari					73	9		60	15	43	36	36	38	38		40	38	38	7 +	48	5.5	9				99	65	
Du Di Vam Lam Fam Di Vam Lam Fam Di Vam Lam Fam Du Di Vam Lam Fam Di Vam Lam Fam Du Di Vam Lam Fam Pari Pari Pari Pari Pari Pari Pari Pari	200		- d																									
Du Di Vam Lam Fam Di Vam Lam Fam Di Vam Lam Fam Du Di Vam Lam Fam Di Vam Lam Fam Du Di Vam Lam Fam Pari Pari Pari Pari Pari Pari Pari Pari	2007		N A										_		-	1			~	~								
051 113 246	L		}	-	_							-			7		8	30					7 //			1	1	
051 246			0	l .								70	1	(2)		=	_				=	_				7 11		
051 113 246 100 02 Vam Lam Fam Du Dz Vam Vam Lam Fam Du Dz Vam Vam Lam Fam Du Dz Vam		-		100	0	00	9	90	9	72	72	+,0	5	+1	η,	,7	2	00	0%	200	00	6	2	9	0	6	9	
051 0																												
051 0			PA	-	7	~	7	~	3	0	~	7		1	~	~	3	2	00	8	6	9	9	- 9	7	7		
051 113 113 104 105 107 108 108 108 108 109		346	#	-		-											_			_	_			_				
113 Fam Du Dr Vam Lam Fam Fam Fam Fam Fam Fam Fam Fam Fam F			10		1	_		_	1 /2	-2	7	7	0			~				120	8/0		S yo		_			e ktb
113 Find Du Dr. Vdm Ldm Fam Ldm Fam Du Dr. Vdm Ldm Fam Ldm Fam Dr. Vdm Ldm Fam Ldm Fam Dr. Vdm Ldm Prage Fam Properties Properties Properties Office Properties Properties Office Properties Properties Office Properties In the Propert		F	E E				1/		~		,,	7	#_0			7	7	- 0				~		~	1/	_		vode
113 113			Jan L																									in dk
113 128 Fam Du Di Vam and an Eam Du Di Vam and an Eam Du Di Vam and an Du Di Vam and an Di Vam and an Di Vam and an Du Di Vam and an			7 Z Q	9/	7	é.	3	3	9	7	58	્ત	7	08	10	7	د	3,	<i>p</i>	9.8	h	5	7	7	0 7	7 / 2	6/	noise
128 Fam Du Di Vam Lam Fam Coo 128 8 1 1 1 1 1 1 1 1		113	7				==					-									==		==		0/	=	_	tenna
1 1 1 1 1 1 1 1 1 1				116				1011		96	186	285.	198		68	950					100	100		8	20	120	_	Ve an
1 1 1 1 1 1 1 1 1 1		F		-						-								-										ffecti
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			dm L																									of e
Pour (LST) Province (LST) Pr		-	2	ú	1	6	00	1	و.	01	9					0 1						74		(3		/3		value
100 Hour (LST)		C				=			10		00					_						==						redian
22222222222222222222222222222222222222				38	38	27	36		30	1/6		#1	ú	1,6	16		611	36	134	135	36		35		137	/33	38	"
	(T	ST)						04	05	90	07	1	* 60	10		12	=				17	81	* 61	20	21	22	23	II.

 r_{cm} = median value or effective antenna noise in ab above ktb D_{D} = ratio of upper declife to median in db D_{E} = ratio of median to lower declie in db V_{dm} = median deviation of average voltage in db below mean power L_{dm} = median deviation of average logarithm in db below mean power

Station Pretoria, S. Africa
NOISE
RADIO
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VALUES
MONTH-HOUR
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Month November 19 60

Lat. 25.85 Long. 28.3 E

 F_{qm} = median value of effective antenna noise in db above ktb D_u = ratio of upper decile to median in db $D_{\mathcal{K}}$ = ratio of median to lower decile in db V_{dm} = median deviation of average voltage in db below mean power L_{dm} = median deviation of average logarithm in db below mean power

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Month December 19 60

Station Pretoria, S. Africa Lat 25.8 S Long, 28.3 E

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 F_{qm} = median value of effective antenna noise in db above ktb D_{u} = ratio of upper decile to median in db $D_{\mathcal{R}}$ = ratio of median to lower decile in db V_{dm} = median deviation of average voltage in db below mean power L_{dm} = median deviation of average logarithm in db below mean power

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Month January

tation Pretoria, S. Africa Lat 25.8 S Long, 28.3 E

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 $F_{\alpha m}$ = median value of effective antenna noise in db above ktb D_{μ} = ratio of upper decile to median in db $D_{\mathcal{R}}$ = ratio of median to lower decile in db

 V_{dm}^- median deviation of average voltage in db below mean power L_{dm}^- median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

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25.8
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Month February 1961

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Lat. 33.9 N Long. 6.8 W
Station Rabat, Morocco
VALUES OF RADIO NOISE
MONTH-HOUR

Month December 19 60

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Fig. 1. Since $\frac{1}{10}$ and $\frac{1}{$			MpA																								
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Figure O																											
Figure O			J mb/																								
Fig. 0.1 (Action Lam Fig. 0.1) (Action Lam F				18	91	/3	9	12	91	00	1/4	11				7	6	5	9	00	7	0.	9	8	9	12	e
Frequency (MC)		ru					7			5		00				7	7		0/	6			7	15	4		0
Fin 0.0 52 Vam Jam Fan 0.0 02 Vam Lam Fan 0.0 02 Vam Carlo Vam C				5_3	53	1.5	53	53	4.5		15	43	37	42	29	31	79	67	35	7	49	53	5-	23	15.	_	(2)
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 F_{qm} = median value of effective antenna noise in db above ktb D_{u} = ratio of upper decile to median in db $D_{\mathcal{A}}$ = ratio of median to lower decile in db V_{dm} = median deviation of average voltage in db below mean power L_{dm} = median deviation of average logarithm in db below mean power

61			Vdm																								
6			D.A.	0	0	0	0	0	0	٦	~	~	~	8	~	0	7	7	~	7	~	~	0	0	ď	0	0
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8 W			Fam	38	37 5	36	36 ,	36 6	35- 1	35/	38	38	36 /	34 /	32 /	32	30	30 /	38	420	42 2	40 2	104	40	39	do	30
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 F_{Gm} = median value of effective antenna noise in db above ktb D_{u} = ratio of upper decile to median in db $D_{\mathcal{A}}$ = ratio of median to lower decile in db

 V_{dm}^{-} median deviation of average voltage in db below mean power L_{dm}^{-} median deviation of average logarithm in db below mean power

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Month February 19 61

tation Rabat, Morocco Lat. 33.9 N Long. 6.8 W

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adne		V _{dm}																								
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 F_{0m} = median value of effective antenna noise in db above ktb D_{u} = ratio of upper decile to median in db $D_{\mathcal{K}}$ = ratio of median to lower decile in db V_{dm} = median deviation of average voltage in db below mean power L_{dm} = median deviation of average logarithm in db below mean power

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2	0	MONTH-HOUR VALUES	T	유	UR	>	AL	UE	S	OF	OF RA	ADI	DIO	9	NOISE		Sto	ation	São	Station São José,		Brazil	ii.		Lat.	23.3	23.3 S Long.		45.8	W 8	2	Month December	Dec	cem	Jer.	6	09	i
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7) 1		0	051					113					246				545	10				2.5				5			-		10				20			
пон	Fam	n Du		₽ \qu	mp Ndm Ldm	Fam	n Du		Vdm	n Ldn	De Vam Lam Fam	ng u	_	Ndm	D& Vdm Ldm Fam		n _Q	D 10	Jm Lo	V _{dm} L _{dm} F _{am}	um Du		De Vam Lam Fam	Ldm	Fam	D _O	0 NO	De Vem Lem	m Fam	m Du		DE Vdm Ldm Fam	Ldm		D _u () X \	D& Vdm Ldm	Е
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ō	134	9	9		10.5 14.0	611	8	9		11.5	201	6	6	4.0	15.0	06	<i>^</i>	10	8.0 /3.0	9 0	63 8	77	*°°	12.5	25	3	6 21	9.5 12.5	5 47	7 6	. 1	+ 80°S	0.//	33	00	41	7.0 9.0	0
8	02 134	2	00		11.0 17.0	117	3 6	2	10.0	10.0 17.0	99	6	10		95/35	06	7	10 7	7.5/1.5		63 10	14		10.5 /3.0	25	2	100	4× × × × × × × × × × × × × × × × × × ×	0 47	2	7	*00 /2	* 7	31	9	43	4.0 \$.0	0
03	132	2	2	0.0/	17.5	117	7	9		11.0 17.5	16	11	و	6.8	* /3.5	90	6 1.	13 6	8.5- 14.0	63 63	3 6	14		13.0 14.0	5.5	9	12 9	9.5 10.5	5 45	0/ 5	9	1.5	13.0	3/	4	4 1	5.0 6.0	0
04	1/30	00	2		11.5 18.0	115	2/2	9/ 7		10.5 17.0	98	6	5	8.5	18.0	48	8	10 8	# × 13	13.5 6	8/ 19	14	=	13.0 13.0	5-6	9	10/01	10.5 16.5	5 45	00	9	9.0	0://	3/	'n	44	3.0 4.0	0
05	126	9	10	+3	13.5 20.5	201	2 /3	9		11.0 14.5	18	4	1	4.0	40,50	80	1 8	12 4	* 5.5 10	10.0	5.5	13	_	12.0 15.5	1.5	6	+ 11	12.5 16.5		43 10	7	7,5	0://	31	~	1 × 10	3.0 5.0	0
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07	811	0/8	10		13.0 /7.0	16	416	0/	13	F 0 9.0		2/2	7	* 0.º	40.81	88	1/2/	40	\$ 6.0	_	37 6	00	7.5	46	3	29	42	14.0 17.0	0 37	10	-9	*00 (V)	w .0/	60	7	* ~	* * * /5/	۵
88	116	3	00	1	+ 5 200	65	14	08		5.0 8.5	82	15,	10	6.51 S.51	15.0	92	2	14		~	35 9	6	* 2%	10.0	38	~	+01	10:01	0 35	2,	4	4.5	10.0	39	7		3.0 4.0	0
8	120		0/	*00	8.0 14.0	99	7 15	0/-	* 1	7.5 14.5	186	14	00	4°,	0.91	90	7 14	4		2	33 6	7	000	4.5	34	9	40	4.5 10.0	25 0	2 6	8	, s,	+ 11.5	27	4	ナイ	X.0 X.5	15
0_	120	0/0	00		10.0/	101	11	200		7.0 15.5	18	41	8	*0; .s.	18.0	88	10/	12 4	4 S. 5	140 33	3 4	9 /	7.0	45,	か	h	4 8	10.0/10.0	0 33	30	0/	10.0	11.0	27	8	* 4°	3.5 4.0	0
=	77/	00	_	7 75	10 12.5 19.0	103	3 20		# 00	10 10.0 15.5	5 89	25,	7/2	1.5	20.0	88	12/	12 6.	* 6.8 7.	7.0 3.	34 10	7	*3·	45	30	20	10 15	15.5 17.5	=	35 12	1,2	6.0	8.0	77	2	よ か	3.5 5.0	0
12	128	2 14	9		011 5.9/ 0.11	1	0 17		40.	9.0 14.5	96 -	1/6	61	12.5	20.00	93	1 6	11 5:	5.5 4	9.0 39	9 22	01 7	6.51	4.8	34	18	11 /1	11.0 16.5	5 37	2 9	00	10.5	4.0/	29	4	4 4	4.5 6.	. 0
13	/33	3 /3	>		10.017.0 117 12	2 //	6/6		¥ 6.	16 10.5 16.0	86 0	15/	17		13.0 40.0	86	101	10 4	6.5 7.0	38	6 27	1 7	13.5	13.5 21.0 38	38	14	18 13	13.0 21.0	39	3	10	40.0/	8.5	31	101	4 4	4.0 6.0	0
4	139		6 15	0.0/	0 /5.	15:0 121	1/6	9/ 9	13.1	13.0 195	104		امر		13.0 23.5	96	(2)	00		54	p 4	8/	=	11.0 18.5 46	46	11	17	120 20.0	1/20	1/4	9	*//5/	4.5	3/	7	ナジ	40 4	12
15	140	0/0		10,	16 10.0 16.0 123	7/	3 /3	3 24	¥ 5.	12.5/8.5	101	1/6				96	18	*V.	+ 0.7	12.0 5	55 19	20	12.5	12.5 18.0 48	84	/3	00	8.5 10.0	0 43	3 10	7	4.5	*,5,	33	2	4.2	F.S. 7.5	12
91	136	9/9		.0/	12/0.0/55 /2/	?	9//	16 22 70.0 17.0	40	17.0	0 /03	3 23		11.0	22 11.0 19.5	95	19/	1/2	7.0 12.0	5 0.	12 45	81		16.0 21.0	50	6	10.	% O. W. O. W.	ch 0	7 12	-	75,	120	33	1	* 4	5.5 8.0	0
17	138	8 12		1 8.5	14 8.5 14.0	0//5	5 27		\$ 6.5	16 10.5 19.0	10/	hr 1		22/40 20.0	20.0	95	1/2	136,	6.0 × 1/2	12 S.M	77		70	15.0	5	2	¢ 29	6.0 40.0	8/2 0	12	12	40.0	* /o:s`	3.5	7	7 3	5:0 5:0	0
8		136 14		2/// 0	16 11.0 175 115 24	- //	5 24	/ /3	たら	13 /20 20.0	00/0	25,0	/3		8.5-13.5	910	23	0	0 +1.		57 20	010	8.5	8.5	09	00	100	8.0 4.0	0 5-1	7/	00	\$:0	*7.5.	33	14	*~3	35 6.0	0
6	136	419		70.	12 10.0 18.0	9//	3 16	4	- 8.5	7.50	1010	8/	00	7.5	/3.5	94 1	9/	* 20	4.0.7	10.0/	63 16	9	7.5	7.5	09	1	10 %	8.0 %	64 0	9 10	7	75	7.5	3/	6	4 C	* 0.5 12.	4.0
20	136	6/2		0 11.	10 11.0 18.0 121 14	12	114		6.4	12 6.5 12.0	, 103	3 /8	12		7.5-12.5	1. 86	101	10 4	4.0 7.0		67 12	2 10	6.0	9.0	62	7	er e	7.5 7.5	54 3	016	7	<i>₹ %</i>	*°	33	13	12	3.0 x	0
2	136	00	0/		9.5- 15.0 119 14	1/	11 6		8.5	156	10 8.5 150 105	0/2	4	11.0	7,6.5	86	4	8 7.	5.5 1	12.5 67	7 6	12		9.0 /3.0	79	7	10		49	9	7	7.5	*0.5,	33	8	7	4.0 4	0
22	22 /33	3 //		4 6	10.0 16.0 120	27/20	0	0	2.	14.0	9 9.0 14.0 101	14	9	\$000	13.0	96	> 0	er+	6.0 7.0		63 10	9		8.5 13.0	79	7	\$ 00	* 00 #	8.5 49	2	9	10.	10.01		6	4,2	* c. o . x	0
23	13,	23/32 10	7	_	10.0 15.5	611	00	00	*0.	15.	9.5 15.0 103	3 14	2	11.0	16.0	96	c ·	00			63 8		10 10.0 15.0 62	15.0	(2	4	8 10.0	* 0.0	11.0 49	7 6	7	2.0	9.0	33	9	4 70	*6. *5.9	0
	L	= median volue	V opli	anjus	مر مو	affortiva	ante	70 000	nie o	odo do ai	avoda	4+2																										

 $F_{\rm dm}$ = median value of effective antenna noise in db above ktb $D_{\rm U}$ = ratio of upper decile to median in db $D_{\mathcal{R}}$ = ratio of median to lower decile in db $V_{\rm dm}$ = median deviation of average voltage in db below mean power Ldm = median deviation of average logarithm in db below mean power

Station
NOISE
OF RADIO
VALUES
MONTH-HOUR
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19_61

Month January

São José, Brazil Ldt 23.3 S Long, 45.8 W

		* E P	6.0	5.0	0.5	3.0	3.5	7.0	6.51	4.0	3.5	3.0	4.0	5,0	6.0	5,0	2.0	2.0	5.5	6.0	5.0	4.0	3.0	4.0	5.0	5,0	
		Vdm Ldm	9	0	0	(2)	2.0	5:0	1,0	0	0	0	,v.	0	0	0.9	5.0 7	5.5	25/2	40 4	3.0 6	0	2,0	3.0	3.0.5	3.0	
		> 7a	3.	7 4	2	7	2	12	2	2	7	Š	ر	3	5-4	4	4 5	6 5	6 4	6	8 3	6	صر <u>ه</u>	60	3	4	
	20	٥ ، ٥		~	~	7 +	4			~	~		7	~	٠,	7		/3	9	7	7		7	h	3	7 7	
		Fam D	35 4	35 ;	33	33 4	33	7	1			33	33 0	33	33	35-	33 /	35 /	35-	37 1	e	33	35	35-	35	35 9	
				=	رد س	≡	<i>∞</i>	0 34	10.01	5 33	33			18.5 3	==	8.5 3	10.0		=		3						
		Vam Lam	9.5 13.0	5- 6.0	0	2.50	9	0.	ᆖ	5 8.5	50.50	0 8.5	0.80	16.0 /8	2 /0.0		_	211.5	5 /3.0	0 13.0	5-8.5	0.9 0	7.0 105	5 9.0	0/1/0	8.5 11.0	
		D/ J/d		2.5	ė	2.0	12,2	6.0	7.5	15.5	1.5	5:0	4		7.5	6.0	- 7.0	8.0	8.5	0.01	15.5	3.0		5.2	7.0		
	10		4	1,2	2	00	∞	10	9	7	12		9	12	2	4	5	1 7	7	2	<i>w</i>	2	9	9	7	7	
		n Du	2	6	2	9	2 6	2 6	00	08	~	_	8 3	7 7	2 6	6	7	6 6	/ /3	7 /	7	3 4	3	3 5	3 6	9	
		Fam	49	500	64	49	47	147	145	17/2	てかい	37	3	37	w	7	145	6/10	15	151	دري	53	5.3	53	53	1/2	
		Ldm Ldm	7.0	5 185	10.0	13.0	8.0	0 9.5	- /3.0	11.5	7.0	7.0 10.0	0.51	10.0	8.5	0/1/0	- 11.5	140	11.5	11.0	0///	7.5	4.0	5.5	7//5	4.0	
		* V4m	15.5	13.5	6.0	8.0	5.0	7.6	9.5	8.0	4.5	7.0	12.0	è. 2'	5,5	0.9	6.5	11.0	6.0	6.5	7.0	4.0	1.0	3.0	7.5	/.5/	
	5	ZO											7	0	7	. 00	3		6	//	4	7	00	00	10		
		η Du								,			4	6/	1,6	11	pt.		8/	1	7	2	5	7	2		
		Fam	400	* 7	57	64	45	ex	45	* 48		+w	37	33	35	139	44	49	52	58	63	63	65	65	65	63,	
		Ldm	8.5	7.0	4 10.0	* 8.5	¥ /3.0	7.5	- t.s.	10.0	6.5	4.5	\$.0	40	¥ 10.5	77.5	13.0	18:0	* // 5_	8.87	10.5	7.0	10.0	6.5	14.0	+ 00	
		Ndm	40	2.0	7.5	5.0	\$ S	50.	7.5	\$ 5.5	**	₹	40	7.0	7.0	* /3.5 ¹	65	14.5	*00	\$.0	6.51	2.5	4.5	30	10.0	15.7	
	. 5	₹ _Q	2	7	00	6	13	11	12	00	4			7	00	,2	1	15	14		8	8	00	00	0	8	
(Mc)	2	ρn	10	4	11	9/	2	6	00	10	9			13	20	24	26	29	26	7		4	~	4	7	00	
		Fam	09	5-4	57	5.8	19	5.7	46	34	32	30	30	30	34	34	1/2	hh	28	52	58	64	77	97	19	62	
Frequency		Ldm	* 14.5	12.5	14.0	13.0	4,5	10.0	4/5:0	8.0	15.0	4.1.0	7.5	*/	+ 11.0	11.5	13.0	40%	* 12.5	15.0	13.0	9.5	40.6	9.0	4.0	11.0	
due		Vdm	9.0	8.5	400	\$5,	+00	22	11.0	5.0	+ 12.	8.0	3.5	\$6.	7.5	*0°	0.//	8.0	10.0	9.0	8.0	2.0	5.0	7.5	80.0	£0.	
Fre	545	70	7	7	2	00	01	8	8	9	0/	ħ	5	00	7	5	7	4	9	10	00	9	12	5	ام	7	
	5	۵	6	01	01	7	12	15	9	6	7	7	7	7	14	6	13	19	15	11	11	7	2	10	01	9	
		Fam	11	20	20	89	91	8-5	74	78	36	76	74	he	70	76	17	74	28	18	76	76	19	18	19	80	
		ΕĐ	9.5	17.5	7.5	40,5,	7.5-	8.5	8.0	5.0	2.5	8.0	6.0	7.0	7.0	7.5	1,5	4.0	13.5	13.5	10.0	12.5	* 00 * 00	0.0/	8,5	0.0/	
		De Vam	1,2	5.0)	* 0.2	\$.0.2	5:03	4,5,0	4.0.9	3.0	3.0	* 'S'	4.0	12.5	* 5.0	8.0 %	# 0//	47.0	10.01	95/	10.0/	10.01	7.0.7	8.0	6.5	8.0	
	46	170	2	7 / /	5	7	1	7/	7 %		00	,,,,,,	7	11	(۲	17	71	16 1	16/	17	12 1	10/	0	9	00	6	
	, 24		00	00	-	- 1	7				4		10	6	11	8/	21	250	61	15	19	14	- 1	0/	5	2	
		Fam	79	29	22	17	75	11	1/4	14	59	72		11	72	16	80	77	18	18	76	29	29	19	18	18	
		mp.								12.0	* 0.0/	15/	2.5					10.0	_	* //:s´		7.5	0.11	11.0	73.5	* /2.5/	And according to the second confidence of the
		DZ Vdm Ldm	10.5 14.0	11.0 13.5	10.0 16.5	17.0 2.5	13.5 16.0	11.0 14.5	4.0 4.0	\$ 0.7	* 5.	10.5 11.5	40 2	5.0 7.5	11.5 13.0	* 0.5	8.0 10.0	* 0.7	10.0 16.5	6.0 1	10.0 17.0	3.0	8.0 1	\$ 0.8	40.6	* 0.8 ₊	
	3	70	* >		*	*	*~	*	7 00	***	400	*<	**	P0	9	*0	* 61	* (14	* 0/	15/	*C	7 8	800	*00	44	1
	. 113	Du	4											- Sec	/3	1	15/		19	16	13 /	18	6	/3	01	2	-
				*	4	15-56	+0 2	83	12	\$ 32	* 18	18	1/	5		88			96	97		95 1	97	99	97	66	
		E	0.	* 0.71		+6	10	_	_		_		100	0	5		0 9	#0/	0 9		9 0		5	5 3	9 9	0	14.00
		<u></u>	11.0 17.0 95	+ 21	13.0 18.0	13.5 18.0	145 #	t.0 * 0.0/	*2.	15.0 4.5	13.0 18.0	13.5 47.5	11.0 78.5	5 17.	5/6	13.5 18.0	.6 17.	5/0.	0 16.	0 15.	.0 17.	12.0 18.5	0	10.0 13.5	8.5 #	13.0 16.0	90
		D& Vdm Ldm Fam			1				6 13.5 19.0	6 15		* W	* 0/	5- 11.5 17.0 83	5 125 165 85	5 (2)	15-13.0 17.0 93	13 13.0 15.5	12 11.0 16.0	10 11.0 15.0	8 12.017.0 99	8 12	4 11.0 12.5	7 10.	6 * 8.	9 /3	1
	051		12 9	9 01		3	-	3 /3			2										00	8					1
		n Du	11/1		11	/ /3	1	109 13	101	7 16	41 9	43	01 6	9/2	3/2	7 11	1 9	115/13	115 14	11			3 10	3 10	3 10	3 9	
1:5		mg.		1/12	-	03 // /	7			16 7	3 96	\$66	66 0	66	60/	5 107	1 // 1	_		211	3 115	115) //3	1/3	2 1/3	\$ ///3	L
(TS	ג (ר:	Hom	8	ō	8	ő	04	02	90	07	80	6	2	=	12	13	14	15	91	17	8	6	20	21	22	23	

 $F_{\rm gm}$ = median value of effective antenna noise in db above ktb $D_{\rm u}$ = ratio of upper decile to median in db $D_{\mathcal R}$ = ratio of median to lower decile in db $V_{\rm dm}$ = median deviation of average voltage in db below mean power $L_{\rm dm}$ = median deviation of average logarithm in db below mean power

MONTH-HOUR VALUES OF RADIO NOISE

Month December 19 60 Station Singapore, Malaya Lat, 1.3 N. Long, 103.8 E

		Vdm Ldm	045	0 40	040	5 3.5	0 3.0	0 3.0	0 5:0	5.0	0 %0	040	0.4.0	5 40	0.5.0	5 6.0	0 *	V	0.9 0	0.9	5.5	5,5	0.50	7.4.5	245	0 5.0
			3.6	u	i	۾.	Š	Š	J.	S	* ₩	w	6.3	ج	nj	43	* 7	(L)	2.	2:	3.5	'n	3.0	2.5	2.5	~
	20	T'O	7	7	7	4	0	0	~	7	4	~	76	4	8	3	W	ৰ	_	4	٦	0	8	3	٦,	7
		Du.	4	7	4	*	3	n	4	3	7	4	2	7	1/2	2	12	9	6	3	*	10		۲	~	3
		Fam	25	23	23	23	23	73	25	25,	25,	23	23	13	23	29	29	27	77	27	27.	25	27	39	17	27
		Ldm	7.0	7.0	9.0	5.5	2.5	8.5	2.0	2.6	4		_	/3.0	0.//	*	13.0	4/0.0/	6.5	6.0	9.0	7.0	6.0	0.9	6.0	6.0
		Vdm	4.5	4.5	5.5	5.5	4.5	5.5	5.0	2.3	* 00	*0;	*0;	9.0	7.0	49.0	100	4.0	45	3,5	3.5	4.0	4.0	4.0	3.5	35
	0	DE	4	12	12	10	9	7	3	4	7	00	00	~	7	9	4	5,	3	ત	4	γ	べ	7	8	٦
	Ī	Du	4	6	7	7	7	3	m	~	5	د	7	4	5	00	7	7	4	~	3	4	2	~	۲	10
		Fam	49	47	45	23	43	43	43	39	33	49	2.	27	27	33	35	14	43	46	47	45	45	47	47	47
		Ldm	9.0	8.0	9.0	9.0	0.01	7.5	9.0	17.0	15.0	*	*	4//.5	4.3.0	/3.5	13.0	17.0	15.5	0:0/	5,5	6.0	5:0	6.0	8.0	8.5
		Mp/	0.0	5.0	5.5	6.0	6.0	4.5	5,5	10.5	* /0.0/		6.5	7.5	1.5.	8.5	40.0	10.0/	9.0	6.0	3.0	3.5	40	3.5	5.0	5.0
		De	3	12	7	7	8	3	7	~	9	و۔	76	7	3	,	3	7	9	ی	7	3	8	7	7	76
	7.	Du	3	4	~	ħ	7	de	e	1	0/	7	000	'ی	6	10	13	4	7	7	0	4	3	٦	4	7
		Fam	5.7	5.8	58	28	5-6	5.5	50	40	32	200	26	44	76	30	34	42	48	54	0 9	09	09	09	56	5.6
		L-dm	15.0	14.0	0.91	16.5	17.0	17.0	15.0	10.01	6.0	4 0.0/		¢ 's'	4 %	٦,	* 5.	12,5	40.0%	٥	10,5	0.0/	0.0/	13.0	12.5	/3.5
		Vdm L	8.5	7.0%	9.0 /	9.0 1	10.01	1 -5.01	9.5 1:	7.0.	0	6.0		0	4.0 6.4	6.5 4	* 5.5	45.6	#/s:	6.5 11.	6.0 /	0	ري.	7.0 /	7.5 1	7.51
	5) 7 ₀	2	4	2	12	5	7 /	72	7	4	د*	4	7 4	* 1	79	* 4)	7 9	4.	9 9	9	6 6.	4 6	*	6 7	,2
3	2.	Du	4	3	,	ω,	γ, ·	٠,	9	7	<u>ل</u> م	7	e	5	00	5	8	14	1	00	4	3	6	7	5	7
(Mc)		Fam D	3 ,	3	€7	n		59	5 H	_	7	35	35	33	33	33	37 1	39 1	49	755	63	65	63	~	3	m
5		Ldm F	21.0 6	20.00		19.0 6	10 6.10	5.61		4 0.01	90 3	7.5	8.5	18.0	18.0 3	\$3.0	11.5/2	21.0 3	0	17.0 5	18.0 6	18.0 6	0	17.0 6	30.00	9 0.00
Frequency		Vdm La	_	نصنت	0.16.0						0	15	-	==			0	# 12.0 A	# 5.01 19.5 19.				2/0	9.0 17	4.5 4	10.0
req		De Va	- 10.0	11.0	13.0	6 11.0	13.0	+0:		#12	<u> برب</u>	e +	43	8 4.0			* C.	7 /2		0 % 0	*°°	0.80	5 8.0			
	545		5.	7 8	7 /		9 %	h 01	3	8	5 6	7	9		7	11	1/2		1 10	10 10	01 8	_		7	1	٣. ٦
	,	n _O m				9					_	2	7	8 12	4/2	6/6	3 /6	2 17				3 6	8 /	00	3 5	
		Fam		0 89	68 3	5 87	0 85	5 75	59 3	69 0	1/	0	67	9	0 73	2 39	5 83	28 0	83	0 87	93	0 93	16 0	16	5 93	16
į		Vdm Ldm	18.0	0.00	20.5	* 50.50		* 5.5x	4 235	240	* c	\$ 0.60			29.0	29.5	255%	apre c	22.0	\$ 0.00	0.00	0 20.0	0.22.0	11.021.5	5/10	19.5
		Vdr	5.01	11.5	4,2.5	4,30	13.0	14.0	t/6.5	17.0	16.0	17.0			19.5	19.0	* 29	15.0	13.0	#///	11.0	10.0	13.0	_	13.0	10.5
	160	DA	4	7	7	12	_	12	10	7	4/	5	10	7	0	9	7	9	12	10	9	ک	4	7	~	7
	. 1	Du	4	10	7	12	_	12	7	7		2	0/	11	7		/3	11	رکم	9	9	9	7	7	7	7
		Fam	116	116	_	7/		_		36	96	9	20	95	86	104	80/	110	109	(/)	115	116	116	11.5 2000 116	19.0 116	9.5 15.0 116
		L-dm	10.0 15.0	10.0 16.0	10.0/	5.91 5.01	10.0 19.0	11.0 18.0	14.0 20.0	16.5 24.0	340	* 5. 10.	* 4 %	26.0	* 0./2	14.0 22.0	ナイン	₹ 22.0	240	13.0 23.5	12.0 21.0	31.0	13.0 22.5	\$0.00	19.0	15.0
		De Vom Lam	0.0/	0.01	10.0	10.5	10.0	+/1.0	14.0	165,	17.5 240	+3 12	16.0 245	16.0	12.5 # 10	140	13.0	13.0	14.0	13.0	12.0	11.5	13.0	1/2	11.5	9.5
	051	7 _Q	٦	4	m	12	7	٦	ħ	19	0/	4	7	00	h	5	4	h	9	7	2	7	h	*	7	7
		Du	4	4	7	3	n	3	h	7	7	6	9	3	7	10	10	9	12	00	~	4	9	9	12	7
		Fam	136	/36	136	136	/36	134	130	he/	401	120	122	126	126	130	132	134	136	136	138	138	/36	136	136	/36
		mp-	12.5	13.5	12.5	1.5	0.51	15.0	0.9/	17.5	19.5	19.0	19.5	7.0	17.0	19.0	18.5	18.5	4		6.5,	7.0	/3.0	12.0 136	13.0 136	12.0 136
		Vdm Ldm	8.0 /	9.0 13.5	8.0 125	0.6	9.0 15:0 136	9.0	10.01	11.0 17.5	12.5 19.5	12.0 19.0	13.0 19.5	12.0 17.0	11.0 17.0	13.0 19.0	11.0 18.5	11.0 18.5	4.15/	11.0 18.0	10.0 16.5	12017.0	8.0 13.0	7.5'	%.0	7.5
	3	170	7	7	1,2	7		0	8	~	7	8	3	~	7	w /	~	3	7	7	2	7	۲	7	ď	2
	.013	Du	7	4	_	7	7	7	a	7	J	7	7	7	8	5	+	7	<i>w</i>	9	7	9	7	7	7	~
		Fam	15-9	159	15-9	15-7	157	157	157	153	155	153	153	153	15-5	156	157	6-51	159	157	157	157	157	157	15.7	15-9
(TS	۱ (۲	noH	00	10	80	03	94	05	90	20	80	60	0_	-	12	13	4	15	9	17 /	- 8	61	20	21	22	23
																لتبدء										

from - invariant value of entertive unternal noise in ab above k10 by = ratio of upper declie to median in db D χ = ratio of median to lower declie in db V_{dm} = median deviation of overage voltage in db below mean power L_{dm} = median deviation of overage logarithm in db below mean power

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		Vdm Ldm	4.0	3.0	2.5	3.0	+ w 1v	12.	4.0	4.0	47	* 6	4.5	* 6.	\$ 0.9	* 2.	5.0	6.9	6.5	3.0	35,	4.5	4.0	5.0	5.0	4.0
		Vdm	15.4	٥.٢	1.5	4.5	*ベ	2.0	2.5.	25,	* %	35	3.0	*~?	+ 3.	*2	15.	4.0	4.5	3.5	7.5	3.0	2.0	3,0	3.0	3.0
	20	7 0	7	1	0	0	0	۲	ィ	ィ	3	~	~	イ	0	7	۲	~	7	8	٦	ત	_	4	4	٦
	2	Du	*	d	~	ィ	w	3	4	9	7	~	~	4	7	h	9	8	15	ィ	3	ત	ħ	7	べ	4
		Fam	77	77	77	77	77	24	hr	44	2	77	マイ	22	22	24	26	36	26	26	74	24	44	26	26	74
		Ldm	7.0	6.0	7.0	7.5	8.0	7.0	80	9.0	*//	¥ .5	10.0	40,	11.5	/3.0	120	9.5'	0.0	5.5	6.0	7.5	7.5	7.5	7.0	9.0
		mp/	4.5.	5.0	4.5	5.0	2.2	4.5	5.0	5.5	8.0	75.	400	\$ ¢ ₹	8.0	7.5-	7.5	6.0	5.0	3.5	0.4	5.0	5.0	4.5	5.0	5.0
	0	De	7	00	6	7	10	00	べ	7	~	2	~		3	7	4	2	~	~	7	7	٦	7	3	7
	. 1	ρ'n	1	∞	۲	7	7	-9	3	72	2	2	٦	~9	3	7	9	9	ィ	ヾ	~	~	3	~	2	5
		Fam	47	43	14	39	14	39	14	37	33	29	25	25	38	39	35	39	43	45	45	45	45	47	47	47
		Vdm Ldm	4.9.5	11.0	0.01	10.0	11.0	9.5	10.0	12.5	14.0	£ 5,	/3.0	40.0	7.01	10.0	+ 12.5	15.0	0.9/	12.0	4.0	6.0	5.5	5.0	10.0	#///
		Vdm	6.0	6.5	2.5	0.9	7.5	6.0	6.0	8.0	756	×.0	0.0/	4.5	2.0	000	9.0	\$0.0	9.0	7.0	\$.0	3.5	10.	3.0	6.0	t, 6:5,
	5	ZO	4	10	4	4	7	7	1	4	3	0	7	8	9	d	4	00	9	7	4	76	3	4	h	7
		n _O	ج	7	h	マ	4	5	15	00	~	h	80	7	4	4	(3	11	00	7	/	ィ	3	4	8	m
		Fam	29	29	57	25	57	53	63	14	'3	35	17	13	27	17	31	37	43	5	5.6	19	19	19	59	5-5
		Vdm Ldm	15.0	¥ 15.0	15.0	15.0	15.5	4.5	* 14.5	* 0.0	7.0	* 3	15.5	# 2.5	*0,	* 10.0/	13.0	* 1.0	15.0	12.5	0.0/	13.0	13.0	13.5	13.5	16.0
		MpA	9.0	8.0	9.0	8.5	2.5	4.5	*0.	\$ 0.9	+3	75.	1/1.0	*°.	6.9	*· 5.0	4.0	5°	400	20	7.5	8.0	7.5	8,0	7.5	9.0
	5	₹ _Q	9	9	ħ	4	9	12	6	5	٦	8	0/	2	7	9	h	7	-	00	3	ħ	2	12	7	3
(Mc)	2.	-	h	7	h	h	6	9	7/	61	24	61	91	2/	14	17	91	36	14	15	h	7	ک	3	3	9
		Fam	63	13	67	67	63	07	53	14	35,	125	3	33	33	32	33	35	39	15	57	19	19	63	(3	63
Frequency		Vdm Ldm	14.5	18.0	17.5	19.0	* 18.5	13.0	400	\$ 00	15.5	700	4/2.0	+ 3	17.0	* A0.0		10.0	ري. برين برين	10.5	16.0	16.0	17.5	18.5	180	17.0
edn			75	10.0	9.0	10.5	1/0	8.0	+ 5/	4.0	*0;	4.0	0.4	15.	4.17	4/3.0	12.0	10.5	1.5/	6.5	10.0	9.5	9.5	0.01	0.0/	9.0
Ĭ,	545	7 0	7	1	8	00	2	9	73	4	7	*	-2	7	9	12	12	2	6	10	7	2	-	9	3	2
	5	۵	7	٦	7	7	7	6	0	~	7	00	00	2	11	00	20	33	7	13	7	00	7	3	00	2
		Fam		92	90	90	29	1/2	68	77	79	79	63	65	73	70	12	74	75	180	87	88	92	92	92	90
		DA Vdm Ldm	20.0	19.5	f. /6.0	2.0	19.0	4.5	12.0 20.0	12.0 20.0	+ 2	47	19.0	13.0 19.0	\$0.00	10.0/	12.0 020.5	12.0 205	0.10	20.0	10.5 19.0	10.0 20.0	0.0% 0.01	11.0 20.0	10.5 20.0	11.0 20.5
		V _{dm}	10.5	11.0	*0,	0.0	4 0.//	14.0	13.0	12.0	14.0	13.0	74	* 0.5.	12.0	10.0	12.0	* 0.6	4.2.5	10.5	10.5	0.0/	10.0	11.0		11.0
	160	70	7	7	4	5	W	9	7	7	1,2)	6	7	00	2	9	7	2	0/	10	2	4	12	12	7	4
		n _O	2	7	7	4	2	101 10	/2	10	0-0	1	5	10	h1 h6	0/	13	HI hol	17	6	10	∞	7	50	9	12
	_	T am	114	114	114	114	7/		76	92	46	95	3			76	101	ho/	ho/	105	110	7/	114	114	114	114
		Ldm	10.0 16.0 114	14.5	9.5 16.0	10.0 16.5	10.0 16.5	10.0 17.0	12.0 18.5	11.0 17.0	12.5 19.0	#° 0 \$ 5	4.5 23.0	* 16.0 \$3.0	15.0 23.5	19.5	13.0 21.0 101	13.0 20.5	0.16 0.41	135 23.0	011 0.55 2.51	E11 016 5.11	12.0 21.0	11.0 0.00 0.11	0.81 0.01	10.5 16.5
		Dr Vam Lam Fam	10.0	8.5	2.6	10.0	10.0	10.0	12.0	4/1.0	# 1. x	14.0	4.5	*	¥ 6.51	11.5	13.0	13.0	14.0	135	12.5	11.5	12.0	11.0		10.5
	051		4	9	4	7	7	4	"	4		3			7	2	2	7	S	8	4	2	4	m	4	3
	,	Da		7	6	3	7	6	4	12		00			5	5	7	2	000	5	00	00	7	9	-9	9
		T _a m	134	136	136	136	136	132	/30	/23	* 1	123	*	*,23	21/	80/	130	737	132	134	132	134	134	134	134	13.0 /36
		Dx Vdm Ldm Fam	2 7.5 12.0 134	12.5	8.0 14.0 136	2 9.5 15.0 136	9.5 15.0 136	4 11.0 16.0 132	10.5 170 130	115 19.0 123	12.5 19.5	14.0 20.0 /23	14.0 20.5	14.5 205 *123	7 12.5 19.0 125	12.0 19.5 128	11.5 18.0 130	11.0 17.0 132	11.0 18.5	11.0 18.0	11.0 17.0 132	10.0 15.5 134	8.5 13.0	8.5 13.5 134	8.0 13.0 134	13.0
		Vdm	7.5	7.5	_	9.5	2.6	0.11	10.5	15,	12.5	14.0	14.0	14.5	12.5	200	11.5	11.0	11.0	11.0	11.0	0.01	8.5	5.8	=	6.0
	013	-	8	લ	٦	=	2	7	ત	ત		~	4	7			η.	7	4	ત	~	٦	~	0	~	76
		P _O	4	7	5	2	7		ત	7	4	3	4			,2	2	2	, 5	8	1	2	7	15/	7	5
		"F	6-51	159	159	03 159	159		159	153	153	155	15.5	155	155/	155	157	15-9	15-9	157	155	157		157	15-9	23 15-9
(TS	اد (ا:	noH	8	ō	8	03	04	05	90	07	88	60	2	=	12	13	14	15	16	17	18	19	20	21	22	23

 $F_{\mbox{\scriptsize am}}$ = median value of effective antenna noise in db above ktb

 $b_{\rm u}$ = ratio of upper decile to median in db $D_{\rm A}$ = ratio of median to lower decile in db $V_{\rm dm}$ = median deviation of average voltage in db below mean power $L_{\rm dm}$ = median deviation of average logarithm in db below mean power

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162 4 160 5 160 5 158 4 158 4 158 4	t e t v v 00	115 16.0 141 115 17.0 141 11.5 17.0 141 12.0 18.0 135 13.0 18.0 135 13.5 20.5 134 14.5 20.5 134			7 2		1/20 1/20 1/17 1/17 1/17 1/17 1/17 1/17 1/17 1/1	711 711 71 71 71 71 71 71 71 71 71 71 71	2 2 2 2 2 2	00 8 7 6 00 0	130 200 130 230 0 130 0 230 0 130 0 230 0 130 0	2000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	w 2 12 14 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1	و		1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	* * * * * * * * * * * * * * * * * * * *	om bece i	2 2 2 4 7 9 6 6	7,5 1,45 59 80 140 59 7,0 135 57 8,5 135 53 130 150 37 7 30 175 33			= 1 0 0 T = 0 1 2 0 T = 2 0 T = 2 0 T = 2 0 0 T = 2 0 0 T = 2 0 0 T = 2 0 0 T = 2 0 0 T = 2 0 0 T = 2 0 0 T = 2 0 0 T = 2 0 0 T = 2 0 0 T = 2 0 0 T = 2 0 0 T = 2 0 0 T = 2 0 0 T = 2 0 0 T = 2 0 0 0 0 0 0 T = 2 0 0 0 0 T = 2 0 0 0 0 T = 2 0 0 0 T = 2 0 0 0 0 T = 2 0 0 0 0 0 0 T = 2 0 0 0 0 0 0		5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	* 33 34 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	N' 00 a 00 N' T T	2 2 2 2 2 3 3 4 2 4 3 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5	7. 0. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7.		7 0 0 8 0 0 1 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	0 4 4 4 4 0	* * * * * * * * * * * * * * * * * * * *	10 10 10 10 10 10 10 10 10 10 10 10 10 1
	3 7 7 9 :	4 130 200 133 4 135 185 133 6 130 175 132	6 6 2 2 1			وخدو صور بندو سور	\$ 50 \$ 50 \$ 50 \$ 50 \$ 50 \$ 50 \$ 50 \$ 50	94 94		142:	13.5 4.0 7.3 7.3 14.0 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3	2 + 2 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 +	1 2 2 3 3 3 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2 2		130 200 44 130 200 44 130 200 44 110 200 44	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	1 = 1 e e	00 00 25 00	20 /40 /45 20 20 135 17.00 20 14.00 14.00 14.00 13.5 15.00 14.00 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				* 0, * 0; * 5; * 5; *;	1 2 3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		 - - - - - - - - 	* 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					2 + & + W + W + 7. + 1 × 0 + V + W + 7. + 2 + P + P + P + P + P + P + P + P + P +
1 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 12 17 10 10	11.5	175 136 175 138 175 138 180 136 15.0 140	136 6 136 5 136 5 140 5 140 2		7 0 0 0 7	1	701 801 109 711 711	2 m 2 m 2	00000	10.5 18.5 10.0 16.5 10.5 17.5 10.0 18.0 10.5 18.5		1 8 2 8 9 6	60010		75 175	6 6 50 50	1 1 2 2 4 3	4 5 6 3 16	0.41 2.61 0.10 0.11 2.60 0.11 2.52 0.11 2.52 0.11 2.52 0.52 2.52 0.52 0.52 0.52 0.52 0.52		27 t t c t o c c c c c c c c c c c c c c c	4 2 7 4 4 7	7-	9.5 13.0 39 13.5 4.5 4.3 4.3 4.5 7.0 4.7 7.4 4.5 7.0 4.7 7.4 4.5 7.0 4.7 7.4 5.5 4.0 4.5 7.5 4.0 4.5 7.5 4.0 4.5 4.5 4.0 4.7 4.5 4.0 4.7 4.5 4.0 4.7 4.5 4.0 4.7 4.5 4.0 4.7 4.5 4.0 4.7 4.5 4.5 4.5 4.0 4.7 4.5 4.0 4.7 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5	45 45 45 45 45 45 45 45 45 45 45 45 45 4	7 7 7 7 7 7	0 2 4 4 4 A A A	4.0 6.0 7.4 9.5 6.0 6.0 7.4 9.5 6.0 7.4 9.5 6.0 7.4 0.0 7.4 0.0 7.0 7.4 0.0 7.		2 4 4 6 2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	4 4 4 7 0 4	w + x + w + x + w	5 + 12 6 + 2 + 2 + 2
160 4 160 4	4 4 dian val	160 4 4 9.5 130 140 2 4 1,40 180 117 160 2 4 9.0 130 138 6 7 700 160 115 160 4 3 9.5 145 138 6 4 11.0 160 115 5 = medan value of affective antenna notes in dia dance to	130 140 130 138 145 138	2 2 2 2 38 6 4 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	7 4	1 to 1 of 1	720 180 115 700 165 115 110 160 115	711 211 211	7 1 2	000	11.0 30.0	\$ 6 50 50 50 50 50 50 50 50 50 50 50 50 50				95 175 64 95 175 64	64 4 2	7 7 7	3 00 00	6.0 %			0 2 0		\$5.0 6.0 6.0 9.0 6.0 9.0		0 2 2		\$ 6.4 6.4 0 0 0 0 0 0 0 0 0 0 0			4 - 4		

 $F_{\alpha m}$ = median value of effective antenna noise in db above ktb $D_{\rm U}$ = ratio of upper decile to median in db $D_{\mathcal R}$ = ratio of median to lower decile in db V_{dm} = median deviation of average voltage in db below mean power L_{dm} = median deviation of average logarithm in db below mean power

Feb.) 19 60-61 Jan. Season Winter (Dec. Station Balboa, Canal Zone Lat. 9.0 N Long. 79.5 W

		Ldn	19.0	17.0	%.5/	/3.0	11.6	8.0	7.0	25
	400	Vdm	4 13.0 19.6	6 10.5 17.0	7 9.5 16.5	7.0	6.5	4.5,	45	2.5,
	-2	De	ħ	9	7	12	9	7	2	7
	2000-2400	Da	6	9	9	12	9	7	2	5
	22	Fam	15-5	6 12.0 18.5 129	8 10.0 17.0 109	9 6 8,5/35 91 5 5 7.0 /30	58	57	40	2
		-dm	17.5	18,5	17.0	135	8.5	8.0	8.5	4.5
	8	/dm	12.0	13.0	10.0	20,5	5.0	4.5	5.0	3.0
	-20	γq	6	9	00	9	٠,	12	7	m
	1600-2000	Da	7	8	00	6	00	5	7	7
	9]	Fam	3 105 155 157 4 3 12.0 17.5 155 6	126	9 10 11.0 18.0 104 8	48	45	8 5 4,57,0 51 5 5 4,5 8,0 57 4 4 4,5 8.0	42	26
		-dm	15.5	16.5	18:0	12.5	45	7.0	8.5	5.0
	8	V _{dm}	105	11.0	11.0	75.	2,5	4,5	2,5	3,5
ST)	91-	DR	6	~	0/	7	7	7	15	2
3	00	na	h	9	6	7	7		9	m
TIME BLOCKS (LST)	1200-1600	Dr. Vam Lam Fam Du Dr Vam Lam Fam Du Dr Vam Lam Fam Du Dr Vam Lam Fam Du Dr Vam Lam	3 11.0 16.0 15-9 4	5 12.0 18.0 117 10 10 13.0 19.5 125 6 6 11.0 18.5 126 8	16	10 9.013.0 67 13 5 6.0 9.5 71 12 5 75 12.5 84	4 3.0 5.0 32 7 4 2.5 4.5 45 8 6 5.0 8.5 58 6 6 6.5 11.0	6 6.0 9.0 28	7 4 5.08.0 29 6 5- 5.5 8.5 42 4 4 5.0 8.5 40 4 4 45 7.0	1 20 3.5 25 4 2 3045 26 3 3 3.5 5.0 26 4 3 3.0 4.5 23 4 2 2.5 3.5
Ö		mb-	07/	19,5	0.00	9.5	5.0	9.0	8.0	4,5
Ш	8	-dm	0.11	/3.0	12.5	0.9	3.0	6.0	5.0	30
MIL	-12	70	60	10	16	7	7	9	7	٦
	0800-1200	Da	4	10	15	/3	6	2	2	7
	80	Fam	3 11.5 17.5 154 4	117	13 12.5 20.5 88 15 16 12.5 20.0 96	67	9 8.0 13.5 34	4 5.5 9.5 29	4 3.5 6.0 27	25
		Ldm	17.5	0.81	20.0%	13.0	13.5	9.5	6.0	3.5
	-0800	/dm	11.5	6.7	12.5	9.0	8.0	5.5	3,5	2.0
	õ	D.A.	3	2	13	0/	0	7	7	_
	0400	n	<i>ω</i>	و۔	10	/3	7	2	-9	7
	Ŏ	ra Gm	4 12.0 18.0 157	11.5 17.0 127	103	29	09	15	36	24
		L F	18.0	17.0	16.5	14.0	7.0 /2.0	9.0	6.0	3.0
	400	Vdm	12.0	1.5	105 16.5	8.0 14.0	2.0	5.5 9.0	4 3.5 6.0	1 2.0 3.0
	0-	ďα		6	7	6	9	n	7	_
	0000-0400	D	4	9	8	c	e	7	7	2
	ŏ	Fam Du De Vam Lam	156	120	0//	92	09	25.5	38	23
		Frequency (Mc)	. 03/	150.	091.	.495	2.5	2	0/	مده

Fam = median value of effective antenna noise in db above ktb

 $D_{\boldsymbol{U}}$ = ratio of upper decile to median in db $D_{\boldsymbol{\mathcal{L}}}$ = ratio of median to lower decile in db

V_{dm} = median deviation of average voltage in db below mean power

Feb.) 19 60-61 Jan. Sedson Winter (Dec. Station Boulder, Colorado Lat. 40.1 N Long 105.1 W

		Ldm	0.61	16.5	16.0	12.0	6.0	8.0	5%	4.0
	400	Vdm	12.5	6 10.0 16.5	9.5	7.0 12.0	4.0	5.0	3.0	2,5
	2000 - 2400	De	4	6	6	6	4	12	7	1
	00	Du	3	7	7	9	5	7	00	4
	20	Fam	147	8 10.5 17.0 115 7	8 9.0 14.0 90 12 9 9.5 16.0	75	53	52	34	24
		Ldm	19.0	17.0	14.0	9.0	5.0	6.0	7.0	4.5
	8	V _{dm}	13.0	10.5	9.0	5.5	3.5	3.5	5.0	3.0
	-2(DE	5	%	8	5	7	-9	7	~
	1600-2000	Da	4	~	14	10	9	7	h	4
	91	Fam	145	111 0.01 0.01 8	84	67	3 2 2,5 4,0 48 6 4 3,5 5.0 53 5 4 4.0 6.0	3 4 3.0 5.0 49 4 6 35 6.0 52 4 5 5.0 8.0	14	76
		Ldm	16.5	16.0	7.0	5.0	4.0	5.0	6.0	4.0
	000	/dm	0.//	0.01	4.5	3.0	2,5	3.0	3.5	7.5
(TS	<u>–</u>	DR	4	∞	9	3	2	7	7	~
3	8	D	5	0/	10	5	3	^)	7	Υ
TIME BLOCKS (LST)	1200-1600	Fam	4 11.0 16.0 144 5 4 11.0 16.5 145 4 5 13.0 19.0 147 3 4 12.5 19.0	01 HO1 SH1 SB L	76	3.0 5.0 61 5 3 3.0 5.0 67 10 5 5.5 9.0 75 9 6	44	4 30 4.5 36	S 3.5 5.0 33 4 4 3.5 6.0 41 4 4 5.0 7.0 34 8 4 3.0 4.5	29
0		m P	16.0	14.5	7.0	5.0	4.5	4.5	5.0	4.5
Ш	8	V _{dm}	0.11	9.5	4,5	3.0	3.0	30	3.5	3.0
LIM	0800-1200	De	4	7	1,5	3	8	7	5	1
	8	na	23	2	12	7	3	3	€0	~
	08	Fam Du De Vam Lam Fam Du De Vam Lam Fam Du De Vam Lam Fam Du De Vam Lam Fam Du De Vam Lam Fam Du De Vam Lam	4 11.5 17.0 145	4 10.5 17.5 102	7 8.5/3.0 72 12 5 45 70 76 10 6 45 7.0 84 14	4 5.0 7.5 61	4 4.5 6.5 43 3 2 3.0 4.5 44	36	3 4,0 6.0 32	1 2.0 4.0 28 2 2 3.0 4.5 39 3 3 2.5 4.0 26 2 2 3.0 4.5 2 1 2.5 4.0
		mp	17.0	17.5	/3.0	7.5	6.5		6.0	4.0
	0080-0	V _{dm}	11.5	10.5	8.5	5.0	4.5	4 4.5 7.5	4.0	2.0
	ö	ďΩ	7	٠	2	7	4	7	~	_
	0400	Dn	3	9	2	00	7	5	4	4
	0	Fam	841	115	80	49	50	5.0	36	2 3.0 4.0 26
		-dm	17.0	16.0	16.0	12.5	6.0	7.5	4.5	4.0
	400	Vdm	11.5 17.0	9.5	10.0	7.5 12.5		4.5 7.5	3.0 4.5	0.0
	0	De Van Lam	4	7	000	8	4 4.0	9	w	~
	0000-0400	n	٦	7.	73	10	7	7	7	_
	8	Fam (150	811	92	75	53	53	34	24
		Frequency (Mc)	6/0,	150.	091.	.495	2.5	1.5	0/	70

 $F_{\alpha m}$ = median value of effective antenna noise in db above ktb

 $D_{\mathbf{u}}$ = ratio of upper decile to median in db

 $D_{\mathcal{L}}$ = ratio of median to lower decile in db

 $V_{dm} = \text{median deviation of average voltage in db below mean power}$

Ĭ									
096		400	Vdm						
_		-2	De	ħ	3	8	3	7	
b.		2000-2400	Du	Ч	5 3	4	5	7	
SeasonSummer (Dec. Jan. Feb.) 1960-6		20	Fam	102 4	78	4 79	54 5	22 2 2	
an.			-dm						
إي		00	Vdm						
ec.		1600-2000	De	7	7	4	4	7	
		9	۵	7	4	4	2	7	
ner (91	Fam	H H 001	79 4 4	h 99	54 S 4	23 2 2	
awn			Ę						
ons		00	V _{dm}						
eas	(T	9 -	De	7	3	3	n	~	
0)	(L.S	1200-1600	ص	7	5	7	9	٦	
M	TIME BLOCKS (LST)	12	Fam	h h 66	78 5 3	E 4 37	55 6 3	22 2 2	
20.0	007		ŧ						-
J. 1	B	8	-m F						
Long	M	0800-1200	70	7	3	7	7	76	
		8	۵	Y	7	7	5,	ત	
Lat. 80.05 Long. 120.0 W		08	Dr Vam Lam Fam Du Dr Vam Lam Fam Du Dr Vam Lam Fam Du Dr Vam Lam Fam Du Dr Vam Lam Fam Du Dr Vam L	4 4 001	78 5 3	b5 4 4	54 5 4	22 2	
t. 80			Ę.						
La		8	lmb/						
		0-0800	D.A.	n	2	٦	4	べ	
int.		8		12	رد,	1,2	7	٦	
Station Byrd Station, Ant.		0400	r _e	100	28	99	45	23	
tati			L B						
rd S		400	- Ag						
By		0	0	7	ή	3	~	7	
ion.		0000-0400	۵	12	1,2	w.	5	٦	
Stat		ŏ	Fam Du De Vam Lam Fam Du	101	79 5	99	50	422	
			equency (Mc)	051 101 5 4	1/3	246	545 50 5 3	2.5	

Ep-

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Fam = median value of effective antenna noise in db above ktb

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80

 $D_{\mathbf{u}}$ = ratio of upper decile to median in db

 $D_{\mathcal{L}} = ratio$ of median to lower decile in db

V_{dm} = median deviation of average voltage in db below mean power

9-0			-F	17.0	15.5	14.6	12.0	//.s	8.0	6.5	5.6
9 6		400	Vdm	9.5	8,5	5.9	0.9	5.5	45	2.5	75.
_		-2	De	4	12	9	7	7	4	5	~
Feb.) 19 60-6		2000-2400	na	ک	9	7	∞	7	7	7	7
ഥ		20	ra ma	15-9	135	113	91	99	5.9	47	25
Jan.			mb P	14.5	12.5	0.0/	11.0	9.0	7.5	6.0	5.0
		00	V _d m	8.0	6.5	6.0	6.0	5.0	3,5	3.0	3.0
ec.		-2(De	7	9	0/	72	1	00	12	7
Ď		1600-2000	20	1-5	01	77	18	/3	00	7	9
Sedson Summer (Dec.		91	Fam	160	130	105	71	46	18	141	27
num			-dm	17.0	14.5	13.0	55.5	6.0	0.9	6.5	4.5
on <u>S</u>		00	\dm -	10.01	8.0	2.0	5.0	3.5,	3.0	3.5	ج بن
seas	ST)	1200-1600	De	6	0	/3	7	10	0/	00	~
0,	(L.S	00	ص	5	d	7.1	रे	73	1	9	12
E	TIME BLOCKS (LST)	12	Dr Vdm Ldm Fam Du Dr Vdm Ldm Fam Du Dr Vdm Ldm Fam Du Dr Vdm Ldm	2 105/120 155 4 5 125 195 158 5 5 100 170 160 5 4 80 145 159 5 4 95 170	5 11.0 1855 121 8 8 12.5 205 129 8 6 8.0 14.5 13.0 10 6 6.5 12.5 135 6 5 8.5 15.5	10 125 210 89 12 13 120 205 100 14 13 70 130 105 12 10 6.0 10.0 113 7 6 6.5 140	15 10 11.0 185 53 16 9 7.5 120 61 21 12 5.0 8.5 71 18 12 6.0 11.0 91 8 7 6.0 120	7.0/35 24 13 5 4.0 7.0 30 23 10 35 6.0 46 13 11 5.0 9.0 66 7 7 5.5 115	6 6.0 100 28 12 7 4575 32 11 10 3.0 6.0 48 8 8.5 75 59 5 4 45 80	5 3.5 6.5 31 6 6 3.0 5.5 34 6 8 3.5 6.5 41 4 5 3.0 6.0 47 4 5 3.5 6.5	2 2 25 40 24 3 3 20 40 26 5 3 25 45 27 6 4 30 50 25 4 3 35 50
0.4	100		m P	19.5	20.5	20.5	0.0	7.0	7.5	5.5	4.0
g. <u>13</u>	E B	8	l mb/	12.5	12.5	13.0	7.5	4.0	4.5	3.0	2.0
Lon	LIM	-12	De	5	00	13	6	\ _{\pi}	~	2	3
.		0800 - 1200	D _u	4	d	Z	2/	5	7	9	~
Lat. 30.6 S Long. 130.4 E		08	Fam	15-5	121	68	53	24	38	3,	24
t. 3			-dm	17.0	18.5	21.0	18.5	13,5	10.0	6.5	4.0
La		300	Vdm	10.5	11.0	12.5	1/.0	7.0	6.0	3.5	12.
		0080-0	γO	~	1,0	9/	0/	00	9	12	7
ď		001	D _Q	7	7	13	12	0/	9	12	٦
Station Cook, Australia		040	Fam Du	14.0 156	4 9.5 16.5 126	95 13	19	50	46	39	24 3 2 25 40 24
Aus			-dm	14.0	16.5	16.5	17.0	/35		7.0	4.0
ok,		400	\dm 	8.5	9.5	9.0	8.0 17.0	6 6.5 135	4.5	5 4.0 7.0	7.5.
CO		Ŏ I	ďQ	~	7	2	~	9	7	4	~
ion .		0000-0400	۵	7	7	~	2	7	7		~
Stat		00	Fam Du De Vam Lan	15-8	/33	111	85	63	56 5 4 4.5 9.0	45-4	24
			Frequency (Mc)	, 0/3	150	. 160	,545	2.5	7	0/	70

Fam = median value of effective antenna noise in db above ktb

 $D_{\boldsymbol{u}}$ = ratio of upper decile to median in db $D_{\boldsymbol{\mathcal{L}}}$ = ratio of median to lower decile in db

 V_{dm} = median deviation of average voltage in db below mean power

19-0			Ę	3.5	10.5	9.5	Sis	8.5	2.0	4.0	15.5
9 (0		9	-mp	0.6	6.5	5.0	3.0	5,5	7.5	, s, x	1.0
51 (-24	De	÷	7	7	00	-	6	3 2,5 4.0	1 1.0
p.		2000-2400	n	3	7	7	70	7	0	2	_
Fe		20	, E	50	114	86	20	61	61	33	17
Jan. Feb.) 19 60-61			- F	5,	, 0 ,	8.0	45	7.5	7 0.	ري در	3.0
Je		00	\dm -	7.5 /	7.0 1/	45	7.5.	5.0 /	4.5 Y	45.6	1.5
		-20	ZO	8	c	7	00	12	2	Oo.	_
De		1600-2000	۵	3	2	4	3	e	0/	2	7
Sedson_Winter (Dec.		91	Fam	150	601	89 8 10 60 100 94 5 7 45 80 98 7 7 50 95	67	43	6 45 7,0 48 10 6 45 7,0 49 9 5 4.5 70	43	18
Vint			Ę.	4.0	13.5	10.0	3.5	5:5	7.0	5.5	4.0
on_		8	Ap.	85/	0.9	6.0	1.5	3.5	4.5	5.5	2.5
seas	T)	91-	De	2	7	01	7	7	0	0	7
U)	(L.S	8	ص	~	<i>∞</i>	00	10	5	7	10	~
臼	TIME BLOCKS (LST)	1200-1600	Fam	145	98	89	8_5	34	29	44	12
7.3	COC		Ę	185	4.0	8.0	45	12	6.0	2.0	4.0
- -	E B	8	J mb	11.5	10.5	4.5	٥.٢	4.5	0.70	7.5	2.5
Lon	TIM	0800 - 1200	De	7	00	00	4	5	72	9	~
		8	na	\sim	7	10	10	00	7	11	~
Lat. 59.5 N Long. 17.3 E		08	Dr Vdm Ldm Fam Du Dr Vdm Ldm Fam Du Dr Vdm Ldm Fam Du Dr Vdm Ldm Fam Du Dr Vdm Ldm	11.0 18.0 145 3 4 11.5 185 145 3 3 85 14.0 150 3 2 7.5 125 150 3 2. 8.0 13.5	9.5 15.0 100 7 8 10.5 14.0 98 8 7 6.0 125 109 7 6 7.0 11.0 114 5 4 6.5 10.5	4.0 8.0 87 10 8 45 8.0	25 50 56 10 4 20 45 58 10 7 15 35 67 13 8 25 45 70 20 8 3.0	5.5 8.5 32 8 5 4.5 65 34 5 5 3.5 5.5 43 6 5 5.0 7.5 49 7 6 5.5	5.5 85 30 7 5 4.0 6.0 29 7	4.0 6.0 37 11 6 7.5 10.5 44 10 9 5.5 8.5 43 16 8 45 6.5 33	2.03.0 2, 3 3 2.5 4.0 21 3 3 2.5 4.0 18 2 1 1.5 3.0 17 1
+ 5			-dm	18.0	15.0	8.0	5.0	8.5	15.0	6.0	3.0
٦		0800	Vdm	11.0	9.5	4.0	2.5	5.5	5.5	4.0	2.0
		ŏ	DR	w	و	10	00	9	7	4	
den		0400-(D	w	5	9	11	9	9	9	_
Station Enkoping, Sweden		ŏ	Fam	150	113	101	pd	47	47	35	61
ing,			Ldm	16.0	125	0.0/ 5:9	6.0	8.5	75	4.0	2.5
ıkop		400	Vdm	3 10.0 16.0	8.0 125	6.5	3.0 6.0	5.8 8.5		2.0 4.0	1.0 2.5
ğ		0-0	DR	2	5 4	8	6	9	5 45	7	_
lion.		0000-0400	Fam Du De Vam Lam	~	12	9	20	7	00	9	_
Stal		Ŏ	Fam	150	511	101	70 20	49	84	32	81
			Frequency (Mc)	. 0/3	,051	091	795.	2.5	2	0/	20

Fam = median value of effective antenna noise in db above ktb

 $D_{m u}$ = ratio of upper decile to median in db $D_{m k}$ = ratio of median to lower decile in db

 $V_{dm} = \text{median deviation of average voltage in db below mean power}$

9-0			Ldn							
96		9	Vdrr							
_		-2	De	9	00	7	12	n	ત્રે	
Feb.) 1960-6		2000-2400	Du	6	6	0/	5	3	0	
		22	Fam Du De Vam Lan	97	75	5.7	58	39	22	
Jan.			mb J							
إ		8	Vdm							
*		1600-2000	70	12	12	9	12	~	~	
*		8	۵	2	00	00	2	7	ペ	
Sedson_Winter_(***		9	De Vam Lam Fam Du De Vam Lam	2	53	47	64	47	75,	
Wint			투							
on		8	/dm							
seas	T)	1200-1600	ďQ	'n	n	7	3	7	7	
0)	(LS	8	20	9	4	7	5	4	7	
A	TIME BLOCKS (LST)	12	Dr Vdm Ldm Fam Du Dr Vdm Ldm Fam Du	88	5-6	32	30	40	25	
3.2	0		Ę							
122	8	8	dm.t							
Long	TIME	0800-1200	70	7	n	7	4	h	7	
		00	n _Q	9	7	9	5	4	べ	
8.81		08	Fam	87	5-4	34	32	38	25	
35			mp-							
. La		8	V _{dm}							
nia		0080-0	7 Q	9	2	7	00	4	/	
rgir		0400		10	12	01	9	h	1	
5		0	Fam Du	95	99	9-5	54	40	ولم	
oyal										
rt R		9	dm L							
Fror		70-	De	7	7	7	7	ィ		
on 1		0000-0400	na	00	6		9	ν.	_	
Station Front Royal, Virginia Lat. 38.8 N Long. 78.2 W		8	Fam Du De Vam Lam	001	28	5-8 10	25	37	23	
			Frequency (Mc)	. 135	.500	2.5	10	0/	20	

 F_{am} = median value of effective antenna noise in db above ktb

 $D_{\boldsymbol{u}}$ = ratio of upper decile to median in db

De = ratio of median to lower decile in db

V_{dm} = median deviation of average voltage in db below mean power

Ldm = median deviation of average togarithm in db below mean power.

***No December Data

7			-F	12.5	<i>!//\$</i>	2.01	11.0	2.0	7.0	6.0	8
ر ا		400	Vdm	6.5	6.0	5.0	5.0	4.0	~ .v.	3.5	2.0
-		-2	De	7	2	00	00	10	2	7	<i>w</i>
uB.		2000-2400	20	9	12	9	96 6 8 5.0 11.0	70 4 10 4.0 7.0	7	9	*
4		K	Fam	140	811	1/2	96	70	62	43	3
XT			Ldm	12.0	130	/3.0	14.0	8.5	7.5	6.5	5.0
		8	Vdm	6.5	7.0	7.0	15.9	5.0	4,5	3.5,	2,5
aure		1600-2000	De	9	00	2	=	7	6	12	~
		8	na	2	∞	=	10	0	6	7	12
SedSon Summer (June Juny Aug.) 19 39		9	Fam	139	124	107	MS.	62	58	47	33
			-d	14.0	14.0	17.5	20.0	17.0	15.0	10.5	10.5
NO.		200	/dm	9.0	9.0	0.0/	17.5	10.0	10.5	15.9	7.0
Spac	ST)	91-	DR	2	0/	7/	14	0	00	2	2
	(L.	8	3	2	10	16	19	17	13	5	9
Lar. (. ₹ IN Long3.7 E	TIME BLOCKS (LST)	1200-1600	Dr Vdm Ldm Fam Du Dr Vdm Ldm Fam Du Dr Vdm Ldm Fam Du Dr Vdm Ldm Fam Du Dr Vdm Ldm	9 10.0 17.5 126 9 11 11.0 185 134 7 7 9.0 14.0 139 7 6 6.5 120 140 6 4 6.5 125	8 10.0 180 180 106 13 11 11.5 180 11.7 10 10 9,0 14,0 14,0 8 8 10.0 130 118 5 16 6.0 11.5	14 10.0 18.5 85 14 13 9.0 17.0 96 16 12 10.0 175 107 11 11 7.0 13.0 112 6 8 5.0 10.5	13 115 210 65 13 9 95 14.0 77 19 14 115 200 84 10 11 65 120	12 80 125 36 12 8 9.0 125 41 17 9 10.0 17.0 62 9 12 5.0 8.5	10 65 11.0 32 10 11 10.5 155 37 13 8 10.5 150 58 5 7 4.5 7.5 62 4 9 3.5 7.0	8 5.5 9.0 29 7 10 8.0 125 37 5-7 6.5 10.5 47 4 5- 35 6.5 43 6 7 3.5 6.0	4 20 40 29 6 5 60 65 32 6 3 70 105 33 5 3 25 50 31 4 3 20 30
7.7	SLO.		F _P	18.5	18.0	17.0	14.0	12.5	15.5/	12,5	6.5
J	EE	8	V _{dm}	11.0	11.5	9.0	9.5	9.0	10.5	8.0	6.0
6 	TIM	-12	Ja	17	11	/3	6	00	=	0/	1,2
		0800-1200	۵	0	/3	14	2	7	10	7	9
1		80	Fam	126	106	85	65	36	32	29	29
- =			Ldm	17.5	18.0	18.5	21.0	12.5	11.0	9.0	4.0
֝֝֟֝֝֝֡֝֝֟֝֟֝ ֡		8	V _{dm}	10.0	10.0	10.0	11.5	8.0	6.5	5,5	2.0
		Õ 	DR	9	13	14	/3	7	10	8	7
ומ		0400-0800	۵	∞	10	7	7	10	9	7	5
Station Ibadail, in igeria		Ó	-Lam	13)	115	95	73	52	52	39	3,
1, 11			щ Б	6 8.0 14.5	14.0	14.5	14,5	10 5.0 9.5	0.8	7.0	6.0
agar		400	V _d m	8.0	8 7.5	7.0 14.5	9 7.0	5.0		8 3.5	2 3.0 6.0
ŽĮ.		0-	JO	و	00	6	9	10	8 4.5	00	~
<u>.</u>		0000-0400	na	2	9	00	9	9	5	5,	7
Stal		ŏ	Fam Du De Vam Ldm	138	126	111	93	99	5.7	1/1	3/
			Frequency (Mc)	150.	. //3	346	. 545	2.5	12	0)	**

 F_{am} = median value of effective antenna noise in db above ktb

 $D_{\mathbf{u}}$ = ratio of upper decile to median in db

 $D_{\mathcal{L}}$ = ratio of median to lower decile in db

 $V_{\mbox{dm}}$ = median deviation of average voltage in db below mean power

Ldm = median deviation of average logarithm in db below mean power

Quarterly summary in Technical Note No. 18-3 based on June and July power only.

^{**}No data for July and August for voltage and log.

				1	. 0	. 6	. 6			-)]	,
9 60		2000-2400	Vdm	0.0/	13.5	50	12.0	7.0	5.0	3.0	7.5
_		1-2	06	w	00	10	1	9	9	4	
eb.		8	n	7	8	=	11	0	, '5	4	3
- Fe		2	Fam	151	722	66	18	7.5	50	37	24
an.			Lg	0.10	23.0	13.5	19.0	7.0	7.5	6.0	4.0
J		8	/dm	14.0	14.5	17.5	11.0	4.5	4.5	3.5	20
ec.		1600-2000	7 Q	4	00	12	6	9	9	5	4
<u>(D</u>		8	na	5	15	20	18	10	10	5	3
Season Winter (Dec. Jan. Feb.) 1960.		91	Fam	147	109	18	62	141	7 5 4.0 5.0 37 10 6 4.5 7.5 50 5 6	35	25,
Win			L d	ملا	25.0	22.0	10.5	4,5	5.0	7,5	5.0
nos		000	/dm	14.0	16.0	140	7.5	2.5	4.0	6.0	3.0
Seas	ST)	9	De	I	9	/3	5	3	12	9	~
	(L	00	۵	12	72	23	19	9	7	10	7
T. H. Lat. 22.0 N Long. 159.7 W	TIME BLOCKS (LST)	1200-1600	Du De Vamlam Fam Du De Vamlam Fam Du De Vamlam Fam Du De Vamlam Fam Du De Vamlam Fam Du De Vamlam	3 3 10.5 16.5 16.0 4 3 11.5 18.5 148 5 4 14.0 220 147 5 4 14.0 21.0 151 4 3 10.0 1	4 5- 12.0 19.5 114 10 9 14.5 LO 12 9 16.0 25.0 109 15 8 14.5 23.0 122 8 8 13.5 0	26 26 01 11 69 256 271 21 05 18 055 041 51 55 45 340 41 41 EE 81 216 061 8 01	15 9 11.5 20.5 53 19 5 7.0 120 51 19 5 7.5 105 62 18 9 11.0 19.0 81 11 11 120	7 4 3.0 5.5 31 6 3 2.5 45 41 10 6 4.5 7.0 56 9 6	5 4.0 6.0 22	8 6 45 6.5 20 10 6 6.0 75 35 5 5 35 6.0 37 5 4 30	1 0 1.0 25 24 24 25.0 23 2 2 20 5.0 25 3 2 20 4.0 24 3 1 1.5
59.	200		-dm	18.5	2.5	Shr	12.0	5.5	6.0	6.5	5.0
g. 1	E	8	/dm	11.5	14.5	14.0	7.0	3.0	4.0	4,5	3.0
Lon	MI	-12	70	2	6	14	5	7	12	9	7
		0800-1200	ρΩ	4	91	23	61	7	<i>∞</i>	8	4
0 ·		80	Fam	150	114	18	53	8 7 7.0 11.0 36	5 4 5.0 8.5 28	4 3 3.0 5.0 26	24
1.22			Ldm	16.5	19.5	21.5	20.5	11.0	8.5	5.0	7
7		0400-0800	V _{dm}	10.5	0.61	13.0	7.5	2.0	5.0	3.0	1.0
H		Õ	ď	2	15	8	6	7	4	60	0
H		9	on Cl	2		01	15	00	7	4	_
Station Kekaha (Kauai),		Ŏ	F _{am}	10.0 16.5 154	129	001	75	8-5	64	3.0 5.5 33	25
(Ka)	Ldm	16.5	19.0	11.5 18.0	21/2 a1/2	5-01 0.9 2	9.0	5:5	3.0
aha		400	V _{dm}	0.0/	0.61 2.11	11.5	07/	6.0	5.0 9.0	3.0	15 30
Kek		0-0	ď	3	(2)	00	8	7	72	2 2	
ion		0000-0400	Fam Du De Vam Lam	3	12	6	7	. 8	5	2	4
Star		Ŏ	Fam	153	130	hol	83	2-8	th.5	35	24 2
			Frequency (Mc)	. 0/3	150	160	495	2.5	-3	10	70

23.0

21.0

 $F_{am} = median$ value of effective antenna noise in db above ktb

 $D_{\mathbf{u}}$ = ratio of upper decile to median in db

 $D_{\mathcal{L}} = ratio of median to lower decile in db$

 $V_{dm} = median$ deviation of average voltage in db below mean power

اه			Ldn	9.5	11.0	11.0	10.0	8.0	80	6.5	4.0
9 6		400	Vdm	6.0 9.5	8.0	7.0 11.0	6.0/0.0	6 5.0 8.0	5.0	4.0	3.0
		2000-2400	De	4	4	7	9	2	1~	9	٦
٧.	·	8	na	4	4	4	7 6	9	6	7	~
N		20	Fam Du De Vam Lam	153 2	5 9.5 14.0 127 4 4 8.0 11.0	9 8.5 13.0 106 4	85	6 5.5 7.5 57	52 6 5 5.0 8.0	04	26
ct.			-dm	3 7.0 10.5	14.0	13.0	9.0	7.5.	2.0	6.0	4.5
		8	\dm_	2.0	9.5	8.5	6.0	5.5	4.0	5.0	3.0
pt.		1600-2000	20		5	6	0	2	7	9	4
S		8	η _O	8	8	00	0	00	7	2	0
Fall (Sept. Oct. Nov.) 19 60		91	Fam	15-21	123	8 10 8.5 12.0 102	18	52	49	7	29
			mb_	12.5	17.0	12.0	11 9 8.0 7.0	7.5	6.0	7.0	5.5
Season_		1200-1600	/dm	8.5	1/.0	8.5	8.0	5.0	4.0	4.5	4.0
Seas	ST)	-	PG	3	<i>∞</i>	0)	0	ری	10	7	m
,	5	00	ے	4	00	00		17	۲۷	7	٦)
Long. 77.3 E	TIME BLOCKS (LST)	12	Fam Du De Vam Lam Fam Du De Vam Lam	2 85 125 150 4 3 8.5 125 15-2	120 8 8 11.0 17.0 123	13 9.5 11.0 87 9 10 80 125 96	73	6 3.0 4.0 42 11 5 5.0 75	7 5.5 8.0 28 8 4 35 5.5 32 12 5 4.0 6.0 49 7 7 4.0 7.0	29 7 5 4.5 7.0 41 7 6 5.0 6.0 40 7 6 4.0 6.5	2 25 35 34 6 3 3.5 5.0 27 5 3 4.0 5.5 29 5 2 3.0 4.5 26 3 2 3.0 4.0
77.	Š		-Ep	12.5	6 13.5 18.5	12.5	5.0	4.0	5.5	8.0	5.0
9	E	8	V _{dm}	8.5	13.5	8.0	3.0	3.0	35	5.0	3.5
P	N	-12	ďq	ત	9	0/	4	9	h	9	~
		0800 - 1200	D	m	∞	0	11	9	8	7	9
Lat. 28.8 N		80	De Vam Lam Fam Du De Vam Lam	2 7.5 11.0 146	4 9.0 135 115 8	87	6 3.5 5.5 66 11 4 3.0 5.0	7 5.0 7.5 41 6	28	6 45 7.0 26 12 6 5.0 8.0	24
1.2			-dm	17.0	135	0.//	5.5	7.5	8.0	7.0	3.5
٦		8	V _{dm}	7.5	9.0	9.5	3.5	5.0	5.5	4.5	1/2
		ö	DR	7	7	/3	9	7	7	9	7
lia		0400-0800	Da	7	2	6	10	7	7	9	2
Station New Delhi, India		0	Fam	150	77/	96	72	50	45	3,	24
elhi			-dm	10.0	12.5	12.0	10.0	8.0	8.0	7.0	3.0
A N		400	Vdm	7.0 10.0	8.0 12.5	7.5	6.5	5.5 8.0	6.0 8.0	4.5 7.0	2.0 3.0
N e		0000-0400	ďQ	7	7	10	9	2	1,2	7	ત
E		8	Da	4	12	9	7	7	9	9	٦
Stat		ŏ	Fam Du De Vam Lam	15-2	128	106	83	5-7	52	34	23 2 2
			Frequency (Mc)	. 0/3	150	091.	545	2.5	72	10	٠ ٢

Fam = median value of effective antenna noise in db above ktb

 $D_{\boldsymbol{u}}$ = ratio of upper decile to median in db

 $V_{dm} = \text{median deviation of average voltage in db below mean power}$ $D_{\mathcal{L}}$ = ratio of median to lower decile in db

Station Ohira, Japan 50000-0400 0000-	9-0		0	-p	15.6	19.5	19.5	135	10,5	11.0	6.5	3.0
Station Ohira, Japan Lat. 35.6 N Long. 140.5 E TIME BLOCKS (L 0000-0400 0400-0800 0800-1200 1200 50 4 4 95 145 150 4 4 125 175 148 4 125 175 148 4 125 120 1200 50 4 4 95 145 150 4 4 125 175 148 4 125 175 148 4 125 125 120	9 6		400	V _{dr}	0.01	13.0	12.0	9.0	6.5	6.5	3,5	/5./
Station Ohira, Japan Lat. 35.6 N Long. 140.5 E TIME BLOCKS (L 0000-0400 0400-0800 0800-1200 1200 50 4 4 95 145 150 4 4 125 175 148 4 125 175 148 4 125 120 1200 50 4 4 95 145 150 4 4 125 175 148 4 125 175 148 4 125 125 120	-		-2	00	7	m	7	7	9	7	7	4
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Station 0000 0000	Ja			-dm	14.5		19.5	0.81		9.0	5.5	3.0
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				ıcy			. 160	. 545	7.5	5		40

 $F_{\mbox{am}}$ = median value of effective antenna noise in db above. ktb

 $D_{\boldsymbol{u}}$ = ratio of upper decile to median in db $D_{\boldsymbol{\mathcal{L}}}$ = ratio of median to lower decile in db

 V_{dm} = median deviation of average voltage in db below mean power

960		2000 - 2400	Vdm			
61 (-24	De	8	18	1
ov.		8	Du	6	7	/3
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ng (1600-2000	Fam	132 14 11	113 19 20	97
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	TIME BLOCKS (LST)	12	U De Vam Lam Fam Du De Vam L	126 15 10	104 23 16	87 27 20
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Station Pretoria, S. Africa Lat. 25.85 Long. 28.3 E		0800-1200	Fam	115 13 12	90 28 14	66 29
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Fam = median value of effective antenna noise in db above ktb

 $D_{\mathbf{u}}$ = ratio of upper decile to median in db

 $D_{\mathcal{L}}$ = ratio of median to lower decile in db

V_{dm} = median deviation of average voltage in db below mean power

9-0		0	Ldr								
Feb.) 19 60-6		2000-2400	Vdr								
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		000	٥	10	13	14	92 16 23	15	7 10	4	9
Season Summer (Dec.		91	Fam	139	123	108 14	92	55 15 12	248	42	25 6
am			r.b								
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臼	TIME BLOCKS (LST)	12	Fam	135	118 12 16	102	82 20 25	44 27 12	30	33	77
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			u p								
Lat.		300	-wb/								
		0-0800	γO	0	7	7	7	2	7	9	/
fric		0400	Da	11	91	22	20	6	8	12	4
SA		0	Fam Du	125	103	79	65	49	141	33	18
ia,			Ę								
etor		400	Vdm								
Pr		Ŏ-	De Vam Lam	00	0/	10	01	00	~	1,2	
ion		0000-0400	na	6	10		11	7	9	9	7
Station Pretoria, S Africa		9	Fam Du	134	117	103 11	92	19	15	37	18
			Frequency (Mc)	150		246	545	2.5	12	0/	20

Fam = median value of effective antenna noise in db above ktb

 D_{u} = ratio of upper decile to median in db

 $D_{\mathcal{L}}$ = ratio of median to lower decile in db

V_{dm} = median deviation of average voltage in db below mean power

9-0	1	0	Ldn								
9 6		400	Vdr								
-		2000-2400	De	h	1	6	9	7	9	5	-
eb.		000	na	M	9	8	9	8	54 7	416	4
Jan. Feb.) 19 60-6		2(Fam	15-3	122	801	82	56	54	14	1 2 40
an.			L-dm								
ار		000	Vdm								
c.		1600-2000	De	4	9	,00	9	7	8	9	3
(D		000	۵	7	8	8	8	00	7	43 16	7
Season Winter (Dec.		16	Fam	150	115 8	101	73	46	84	43	27 4 3
Wir			L dm								
NOS		200	Vdm								
Seas	ST)	-	De	72	5	7	9	3	1	9	2
	1	1200-1600	۵	M	7	8	1	6	31 6	32 10	29 5 3
	CKS	12	Fam	150	111	44	19	33	31	32	49
g. 6.8 W	TIME BLOCKS (LST)	0800-1200	V _{dm} L _{dm}								
Lon	TIM	-15	00	m	7	10	5	5	9	9	2
Z		300	2	7	7	9	1	36 10	9	6	5
13.9		30	Fam	641	110 7	9 46	62	36	35	36	38
Lat. 33.9 N Long. 6.8 W		0400-0800	Dr Vam Lam Fam Du Dr Vam Lam Fam Du Dr Vam Lam Fam Du Dr Vam Lam Fam Du Dr Vam Lam Fam Du Dr Vam Lam				6		0		
00		0-	-	7	01	7		7	8	9	٦
roc		040	D _C	3	1 4	8	00	3	3	7 7	w
Mo			Fam	15.3	121	hol	72	53	53	37	76
Rabat, Morocco		00	Fam Du De Vam Lam								
- 7		0000-0400	De Vo	4	6	9/	6	1	8	9	1
On _		8	D _Q	3	7	9	9	7	1,0	5	,
Station_		8	Fam	(52	123	112	2	5.5	54	38	the
			Frequency (Mc)	6/0'	, 051	09/	-264.	2.5	1-9	01	20

 $F_{\alpha m}$ = median value of effective antenna noise in db above ktb

 D_{u} = ratio of upper decile to median in db $D_{\mathcal{L}}$ = ratio of median to lower décile in db

V_{dm} = median deviation of average voltage in db below mean power

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TIME BLOCKS (LST)	2000-2400	Ldm	/3.0	18.5	20.05	17.5	12.0	7.0	7.0	4.5
		/dn	8.5	11.0	11.0	9.0	7.0	4.5	5.4	3.0
		De	W	7	9	5	12	7	1	1
		Du	7	12	72	9	7	2	4	2
	1600-2000	Fam	15%	136	115	16	63	39	47	26
		Ldm	17.5	21.0	19.5	16.5	13.0	9.5	6.5	5.0
		/dr	11.0	12.0	11.0	8.5	7.5	5.5	4.0	3.5
		DR	7	~	7	0	9	4	~	~
		20	7	12	8	0	9	4	3	4
	1200-1600	Fam	851	7 5 130 210 136 5 7 120 20 136 5 4 110 185	111	87	53.	54	45	26
		Ldm	18.5	21.0	27.5	20.0	11.5	12.5	11.5	5.0
		Vdm	11.5	13.0	14.0	12.0	8.0	8.5	7.5	3.5
		DR	7	12	1	0/	10	7	7	4
		D	7	~	77	16	77	0	5	12
	0800-1200	Fam	151	6 15.5 23.0 130	102	76	38	30	33	26
		Ldm	195	23.0	12.5	4:51	12.5	12.5	11.5	4.0
		Vdm	13.5	15.5	14.5	10.0	5.5	8.5	8.5	2,5
		00	m	9	00	9	0	5	12	~
		na	7	9	0/	9	10	7	9	8
	0400-0800 06	Dr Vdm Ldm Fam Du De Vdm Ldm Fam Du De Vdm Ldm Fam Du De Vdm Ldm Fam Du De Vdm Ldm	3 105 165 154 4 3 135 195 157 4 4 115 185 158 4 4 11,0 175 158 4 3 85 130	4 12.0 18.5 124 6	8 13.5 21.5 94 10 8 14.5 225 102 12 7 140 225 111 8 7 110 19.5 115 5 6 11.0 20.0	5 8.0 150 68 6 6 10.0 154 76 16 10 12.0 200 87 9 9 85 165 91 6 5 9.0 17.5	8.5 14.5 38 10 9 8.5 12.5 38 12 10 8.0 11.5 55 6 6 7.5 12.0 63 4 5 7.0 12.0	5 6.5 105 29 7 5 85 125 30 9 4 8.5 125 54 4 4 5.5 9.5 39 3 4 45 7.0	5 50 80 29 6 5 85 115 33 5 5 75 115 45 3 3 4.0 65 47 4 2 45 7.0	2 25 35 23 2 2 25 40 26 5 2 35 5.0 26 4 2 35 5.0 26 4 5 3 3 5.0 45
		Ldm	165	18.5	21.5	15.0	14.5	10.5	8.0	3.5
		V _{dm}	5.01	12.0	13.5	8.0	8.5	6,5	5.0	15.
		D.A.	3	7	00	5	9	1,2	6	~
		D _O	m	+	00	7	00	7	7	7
	0000-0400 0	Fam	158	134	5 11.5 19.5 105	16	55	52	1	24
		L d	9.0 13.5	5 10.0 16.0	19.5	18.0	14.0	9.0	7.5	6.0
		/dm	9.0	10.0	11.5	7 10.0 18.0	8.0 14.0	4 5.5 9.0	5.0 7.5	1 2.0 3.0
		De	7	5	The same of the sa	1	7		9	_
		Da	w	4	. 9	5	0	9	4	3
		Fam Du De Vam Lam	160	137	115	9	63	5.8	45	2
-		Frequency (Mc)	. 0/3	057	160	545	2.5	72	<i>a</i> /	20

Fam = median value of effective antenna noise in db above ktb

 $D_{u}=$ ratio of upper decile to median in db $D_{\mathcal{L}}=$ ratio of median to lower decile in db $V_{dm}=$ median deviation of average voltage in db below mean power

U. S. DEPARTMENT OF COMMERCE Luther H. Hodges, Secretary

NATIONAL BURÉAU OF STANDARDS
A. V. Astin, Director



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Mechanics. Sound. Pressure and Vacuum. Fluid Mechanics. Engineering Mechanics. Rheology. Combustion

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